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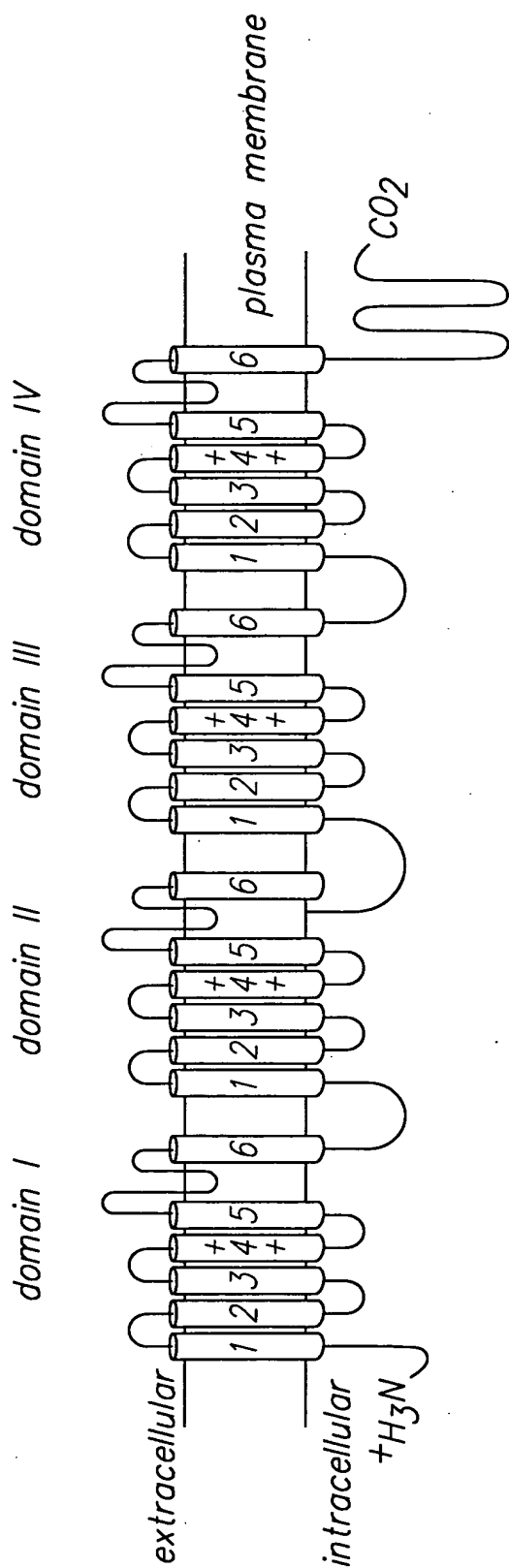
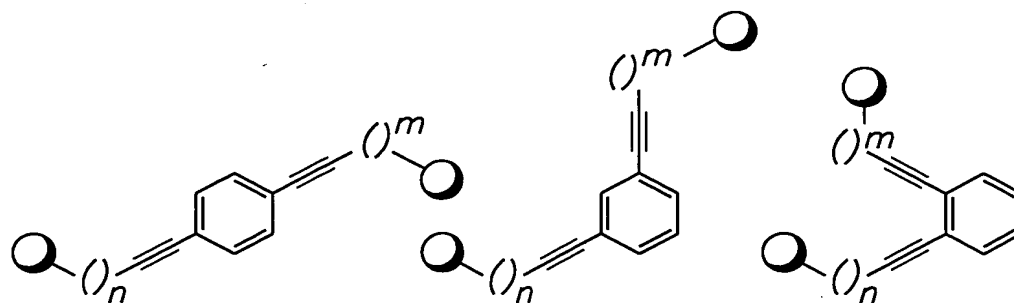


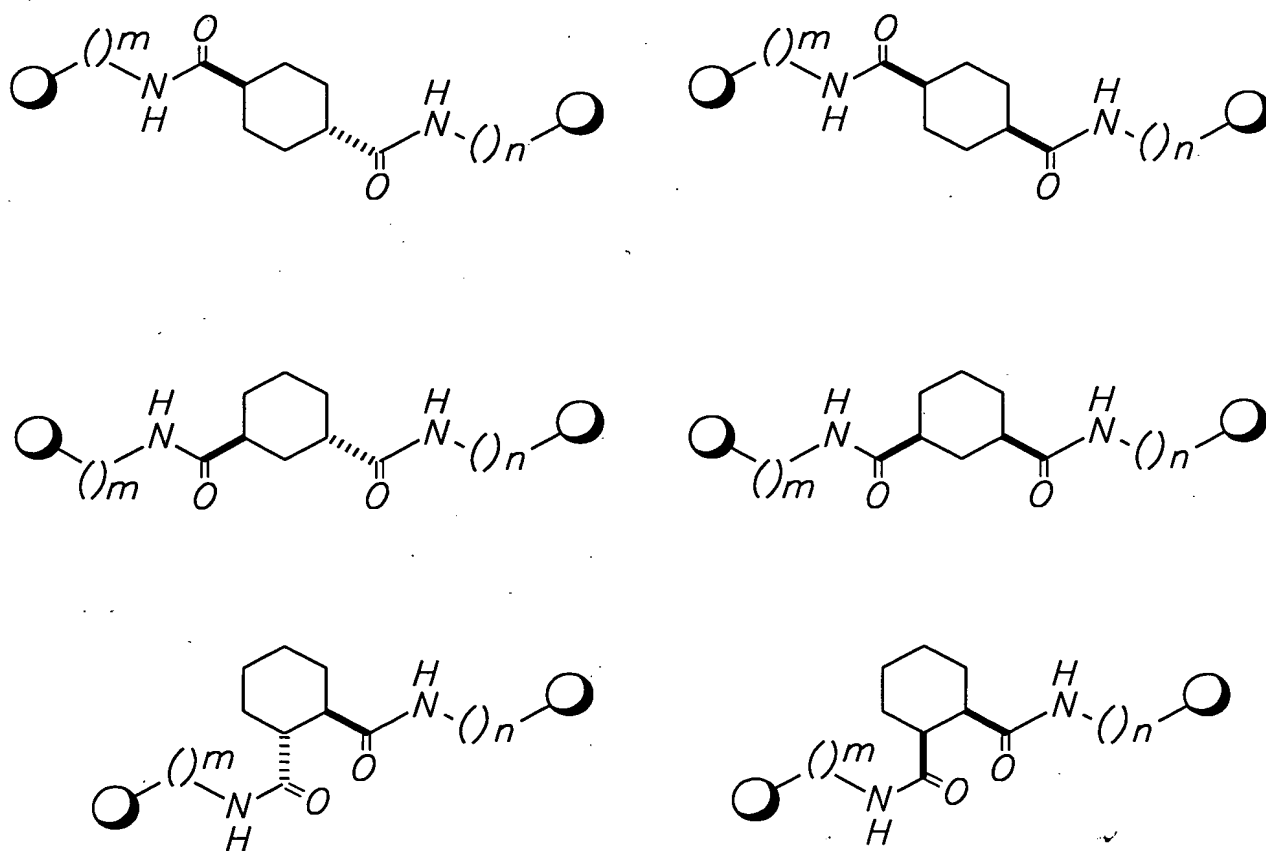
FIG. 1

FIG. 2A

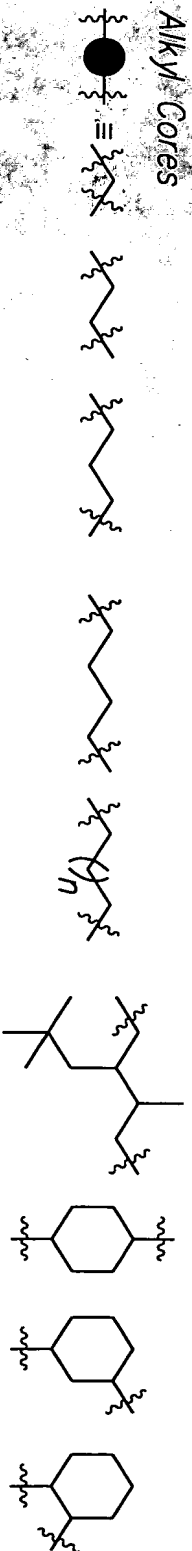


○ = ligand
 $n+m+core < 100$ atoms

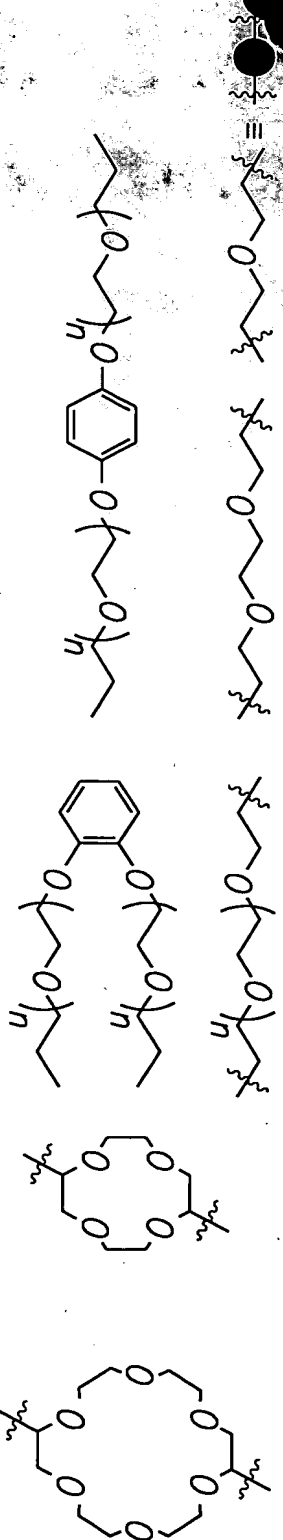
FIG. 2B



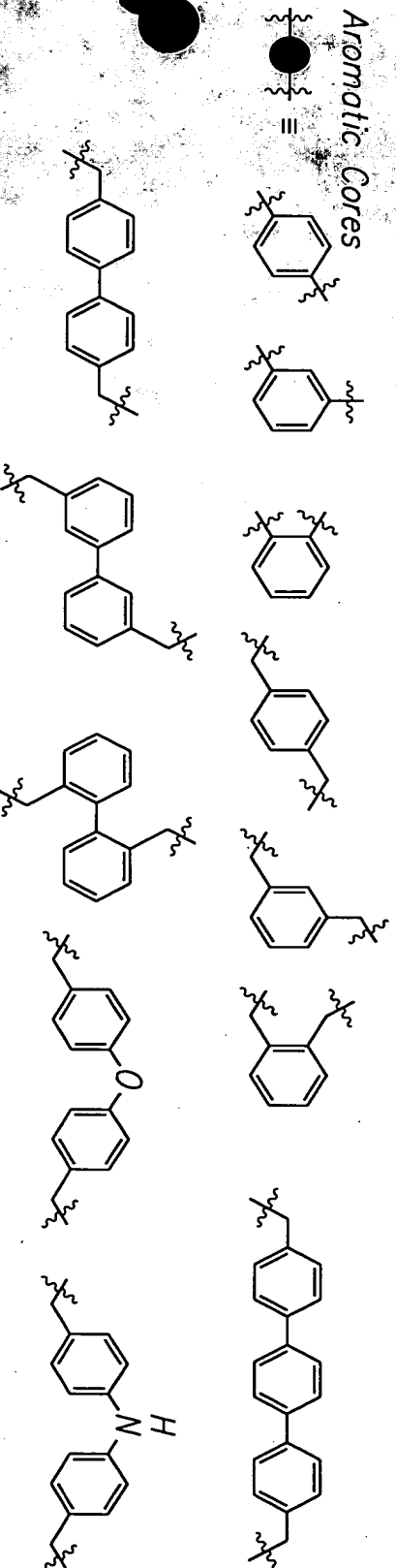
Alkyl Cores



Ether Cores



Aromatic Cores



H-bond Donor/Acceptor Cores

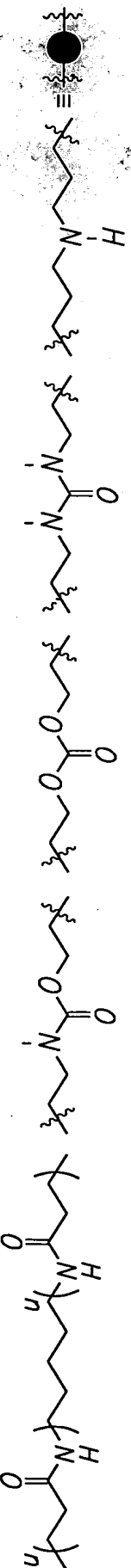


FIG. 3A

Acidic/Basic Cores

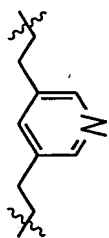
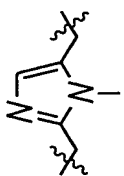
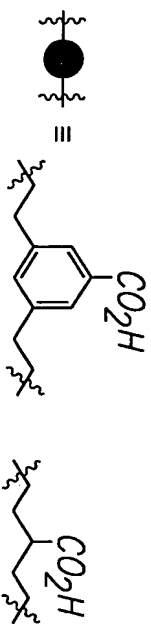
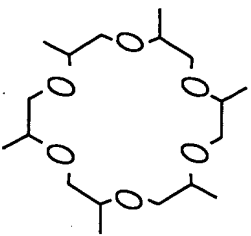
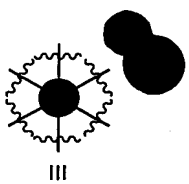
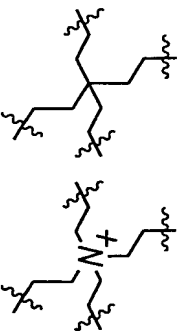
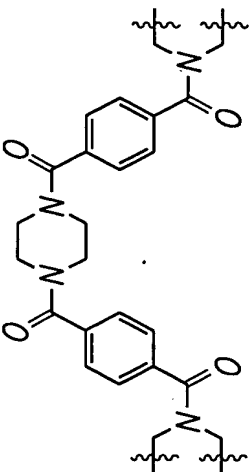
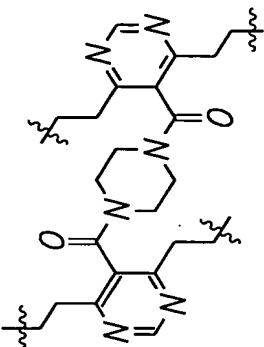
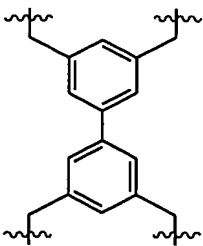
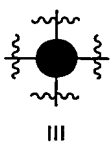
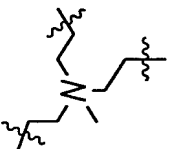
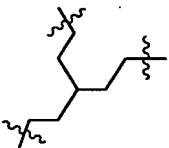
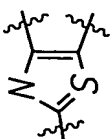
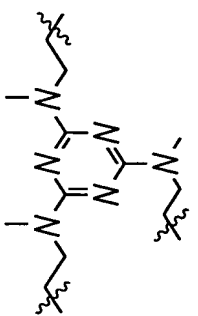
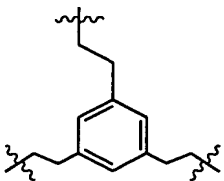
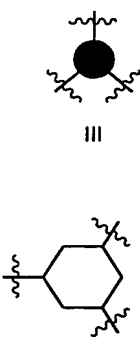
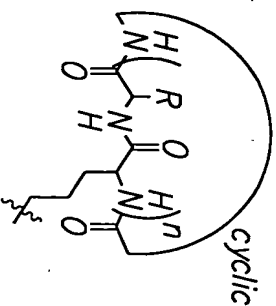
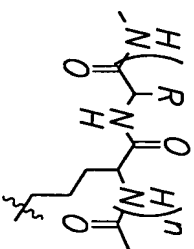
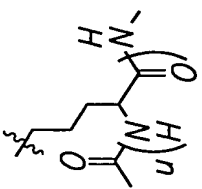


FIG. 3B

Higher Order Cores



Peptidic Cores



09456429, 120399

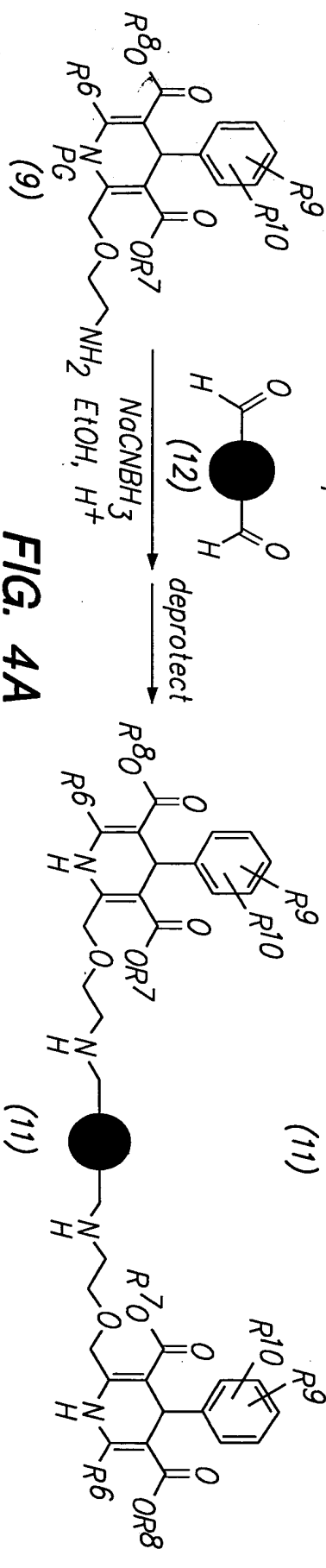
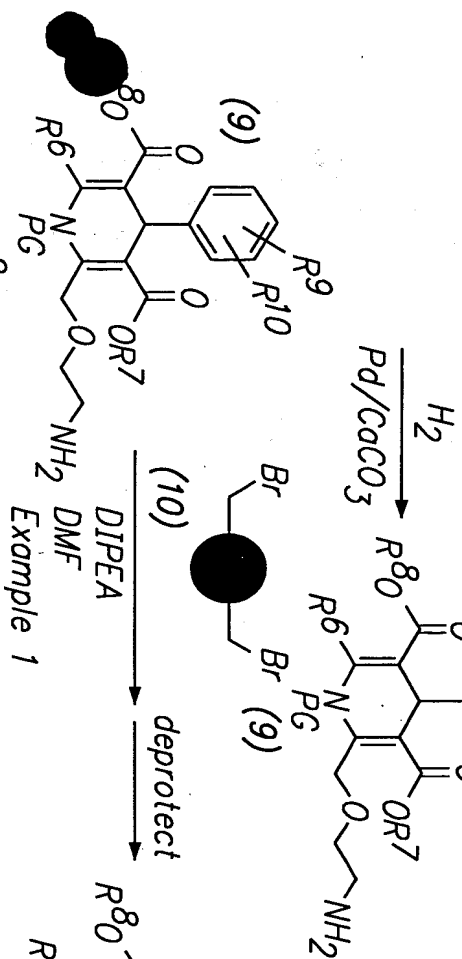
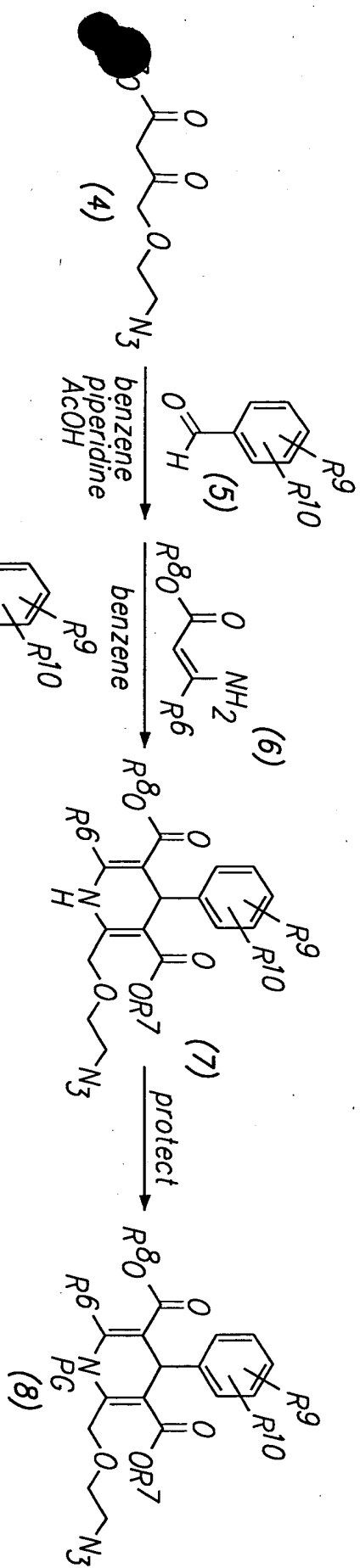


FIG. 4A

Parameter	Unit	Value
Initial concentration	mg/L	100
Final concentration	mg/L	10
Removal efficiency	%	90
Flow rate	L/min	1.0
Bed depth	cm	10
Bed diameter	cm	10
Bed volume	L	0.785
Flow time	min	10
Volume of effluent	L	10
Volume of influent	L	10
Volume of adsorbent	g	0.785
Volume of water	L	10
Volume of air	L	10
Volume of solids	g	0.785
Volume of ash	g	0.785
Volume of sand	g	0.785
Volume of gravel	g	0.785
Volume of pebbles	g	0.785
Volume of stones	g	0.785
Volume of bricks	g	0.785
Volume of concrete	g	0.785
Volume of steel	g	0.785
Volume of copper	g	0.785
Volume of zinc	g	0.785
Volume of lead	g	0.785
Volume of cadmium	g	0.785
Volume of chromium	g	0.785
Volume of nickel	g	0.785
Volume of cobalt	g	0.785
Volume of manganese	g	0.785
Volume of iron	g	0.785
Volume of aluminum	g	0.785
Volume of silicon	g	0.785
Volume of phosphorus	g	0.785
Volume of potassium	g	0.785
Volume of sodium	g	0.785
Volume of calcium	g	0.785
Volume of magnesium	g	0.785
Volume of sulfur	g	0.785
Volume of chlorine	g	0.785
Volume of fluorine	g	0.785
Volume of bromine	g	0.785
Volume of iodine	g	0.785
Volume of barium	g	0.785
Volume of strontium	g	0.785
Volume of yttrium	g	0.785
Volume of zirconium	g	0.785
Volume of niobium	g	0.785
Volume of molybdenum	g	0.785
Volume of technetium	g	0.785
Volume of ruthenium	g	0.785
Volume of rhodium	g	0.785
Volume of palladium	g	0.785
Volume of silver	g	0.785
Volume of cadmium	g	0.785
Volume of indium	g	0.785
Volume of tin	g	0.785
Volume of antimony	g	0.785
Volume of tellurium	g	0.785
Volume of selenium	g	0.785
Volume of arsenic	g	0.785
Volume of germanium	g	0.785
Volume of gallium	g	0.785
Volume of zinc	g	0.785
Volume of copper	g	0.785
Volume of nickel	g	0.785
Volume of cobalt	g	0.785
Volume of manganese	g	0.785
Volume of iron	g	0.785
Volume of aluminum	g	0.785
Volume of silicon	g	0.785
Volume of phosphorus	g	0.785
Volume of potassium	g	0.785
Volume of sodium	g	0.785
Volume of calcium	g	0.785
Volume of magnesium	g	0.785
Volume of sulfur	g	0.785
Volume of chlorine	g	0.785
Volume of fluorine	g	0.785
Volume of bromine	g	0.785
Volume of iodine	g	0.785
Volume of barium	g	0.785
Volume of strontium	g	0.785
Volume of yttrium	g	0.785
Volume of zirconium	g	0.785
Volume of niobium	g	0.785
Volume of molybdenum	g	0.785
Volume of technetium	g	0.785
Volume of ruthenium	g	0.785
Volume of rhodium	g	0.785
Volume of palladium	g	0.785
Volume of silver	g	0.785
Volume of cadmium	g	0.785
Volume of indium	g	0.785
Volume of tin	g	0.785
Volume of antimony	g	0.785
Volume of tellurium	g	0.785
Volume of selenium	g	0.785
Volume of arsenic	g	0.785
Volume of germanium	g	0.785
Volume of gallium	g	0.785
Volume of zinc	g	0.785
Volume of copper	g	0.785
Volume of nickel	g	0.785
Volume of cobalt	g	0.785
Volume of manganese	g	0.785
Volume of iron	g	0.785
Volume of aluminum	g	0.785
Volume of silicon	g	0.785
Volume of phosphorus	g	0.785
Volume of potassium	g	0.785
Volume of sodium	g	0.785
Volume of calcium	g	0.785
Volume of magnesium	g	0.785
Volume of sulfur	g	0.785
Volume of chlorine	g	0.785
Volume of fluorine	g	0.785
Volume of bromine	g	0.785
Volume of		

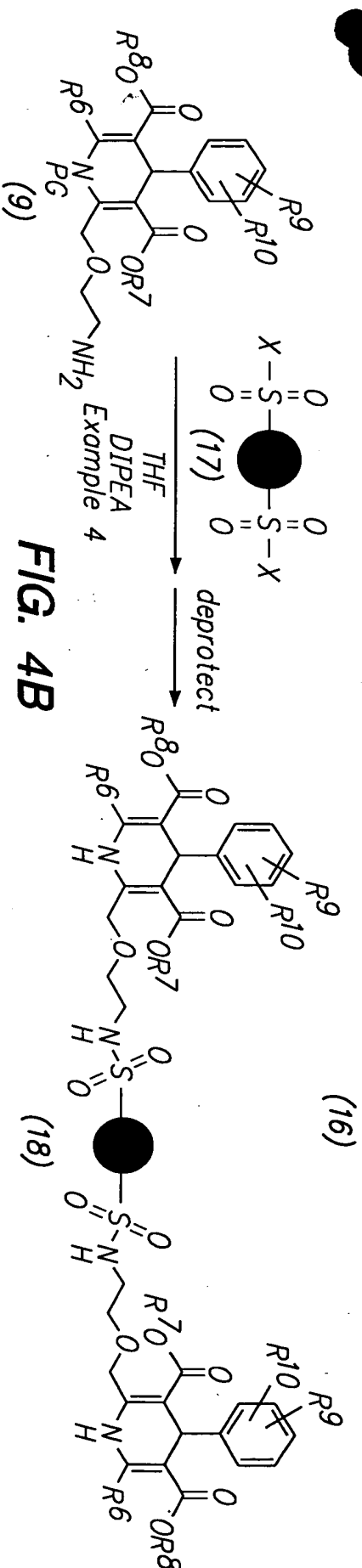
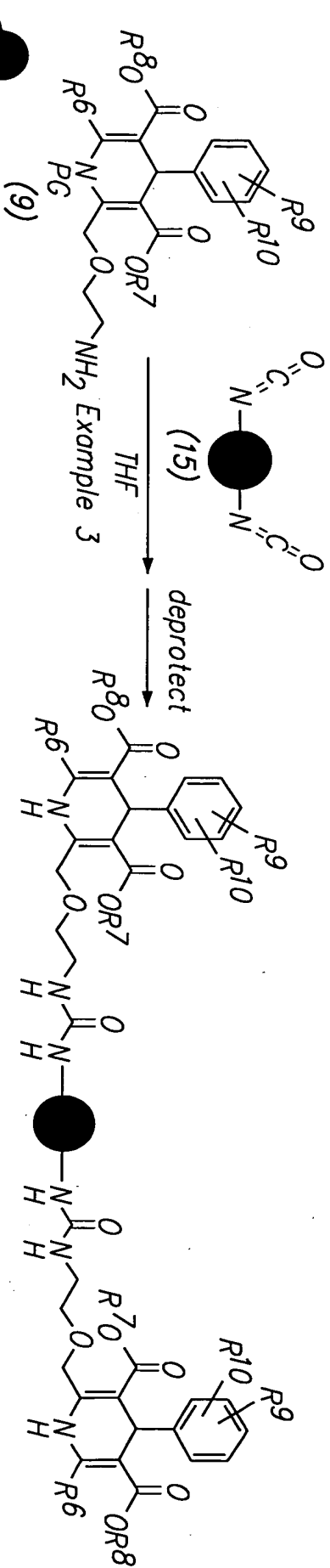
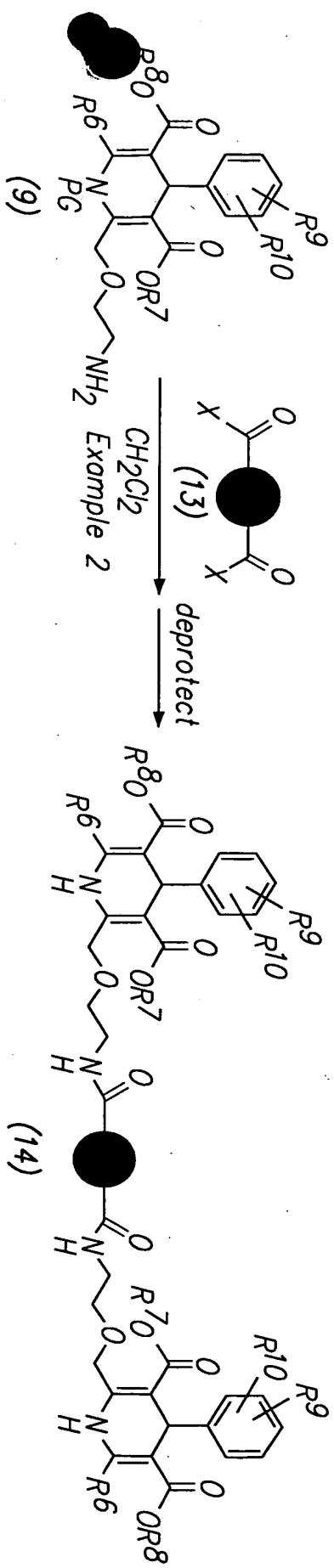


FIG. 4B

09456429 . 120899

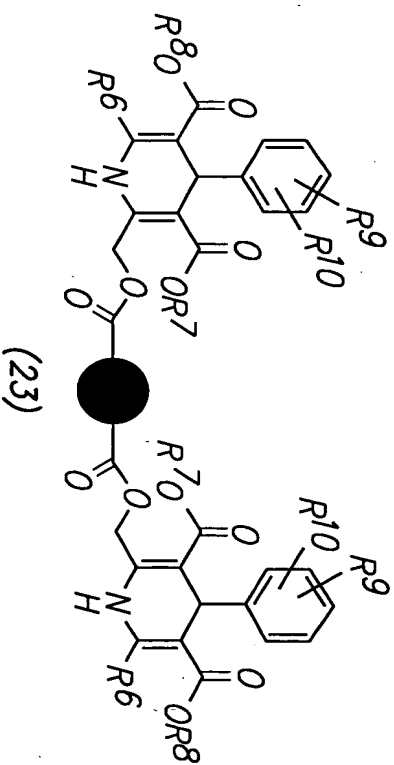
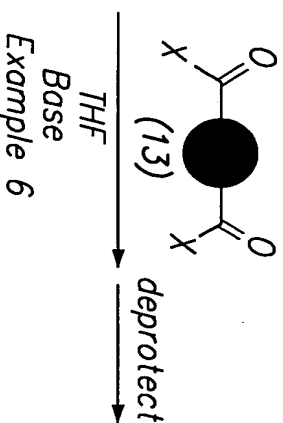
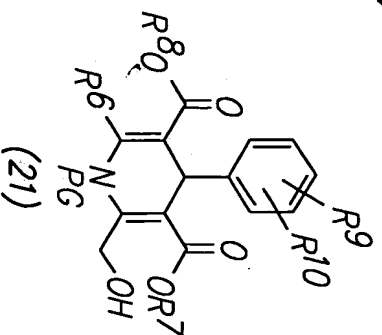
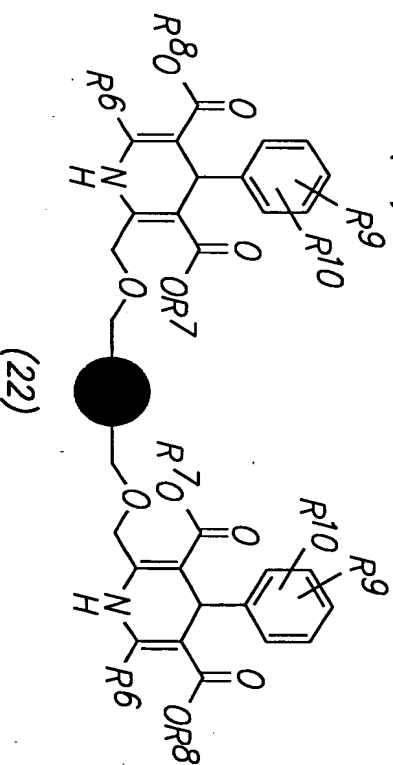
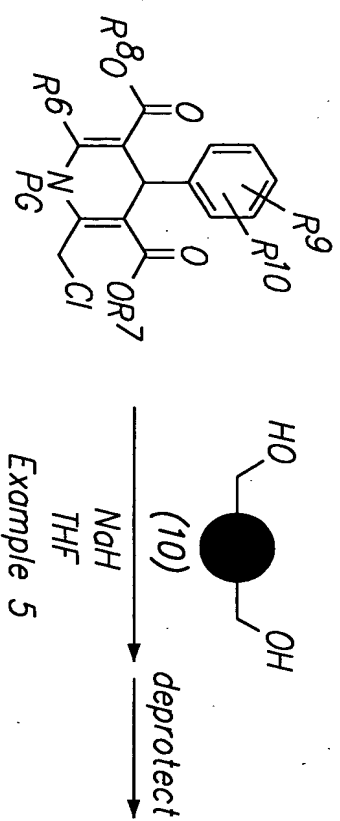
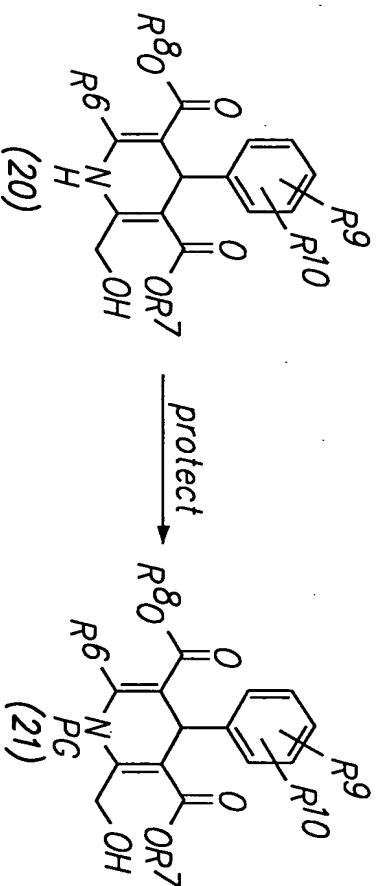
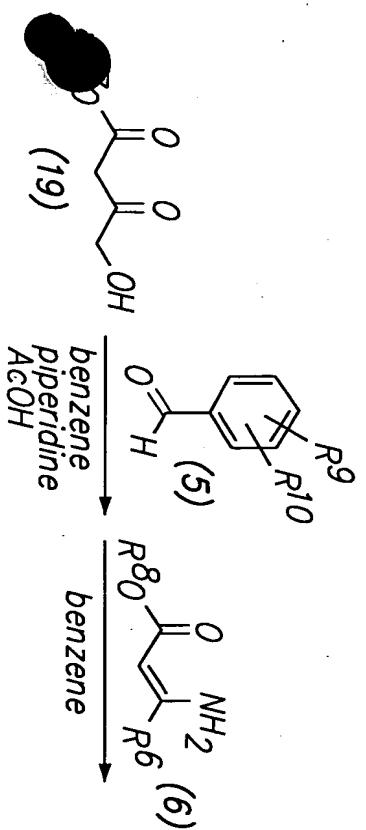


FIG. 5A

09456429 - 120899

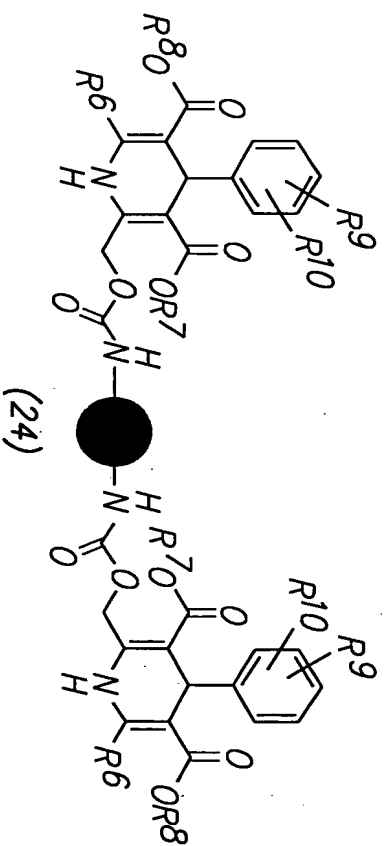
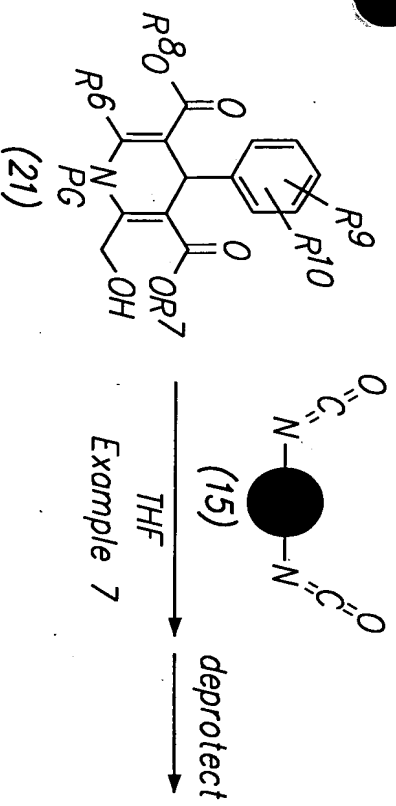
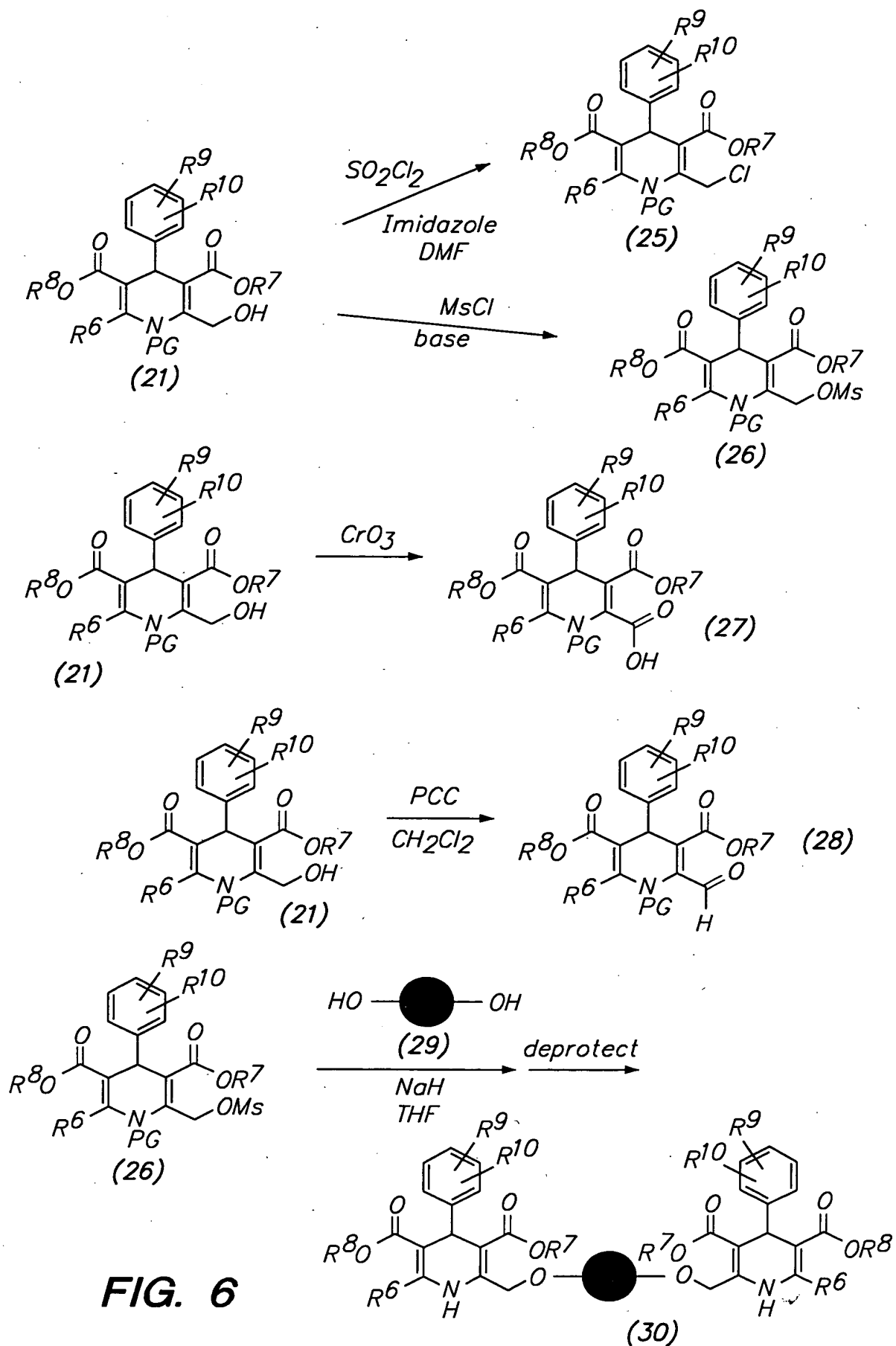


FIG. 5B



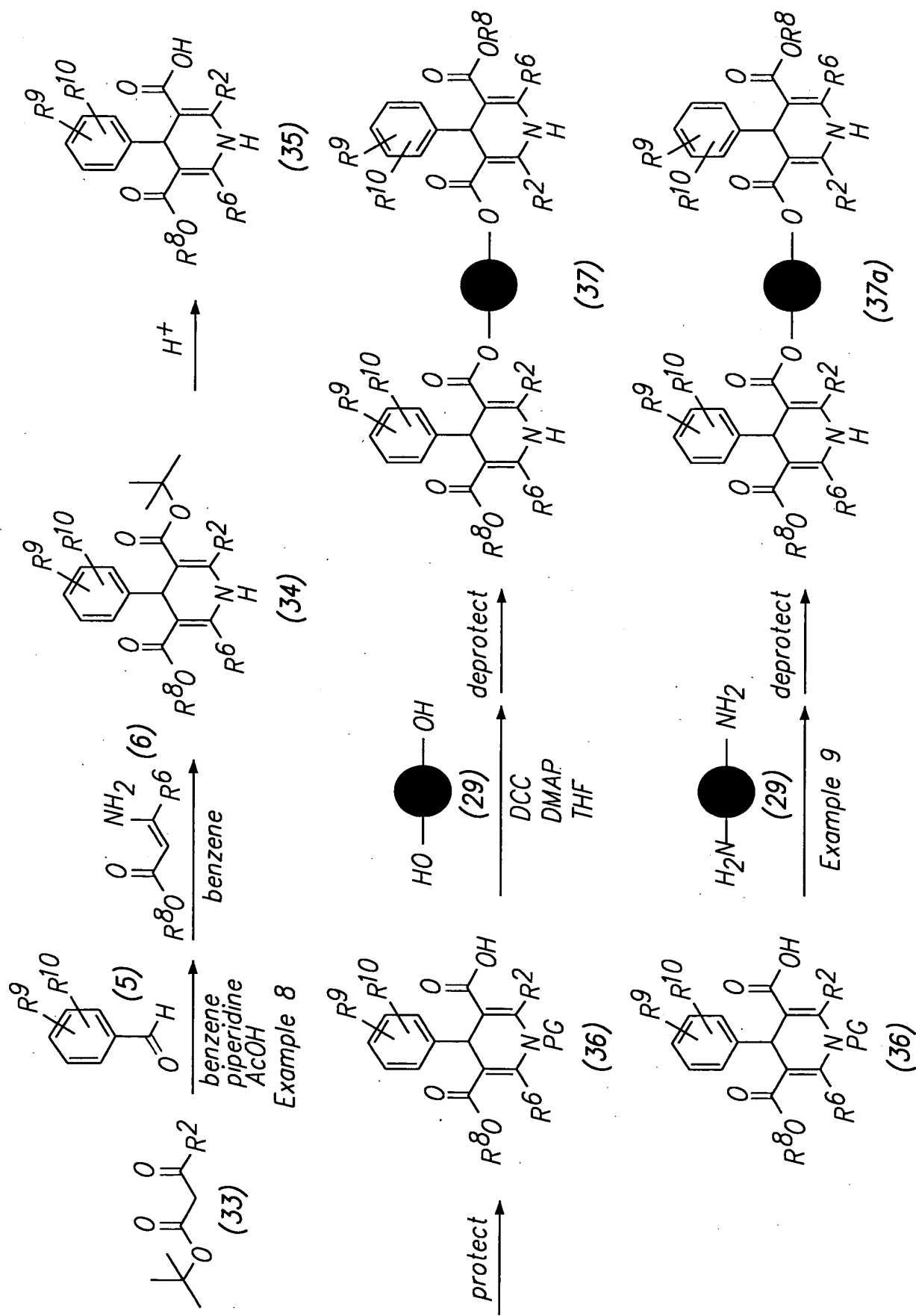
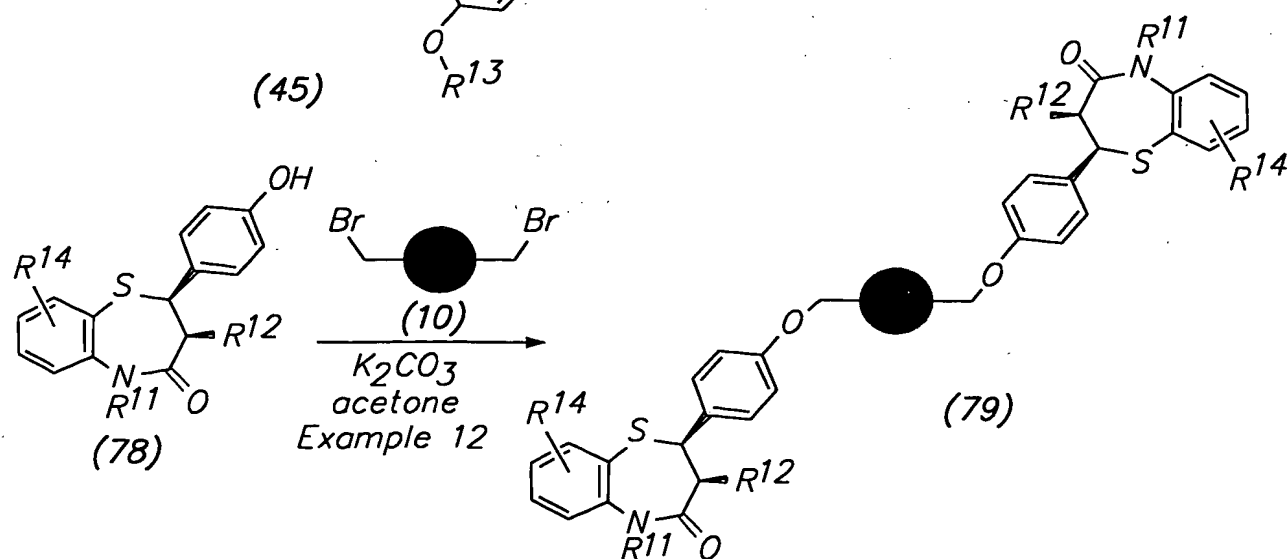
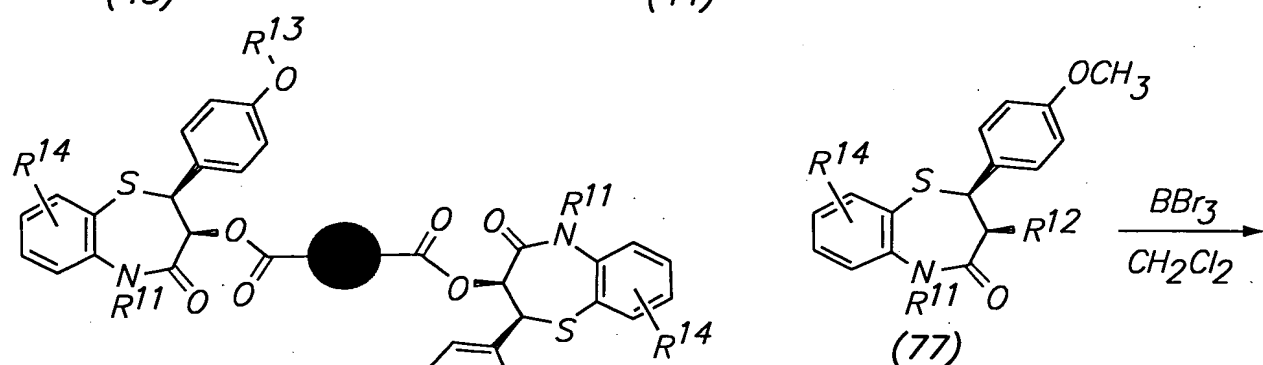
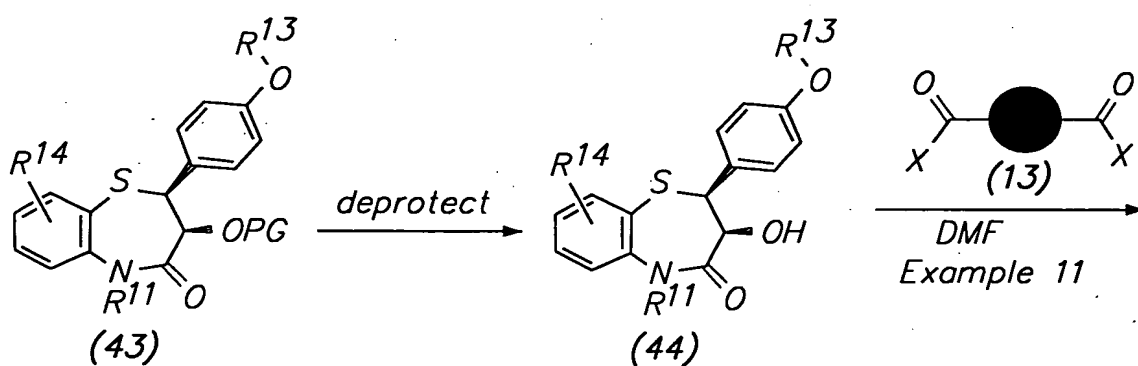
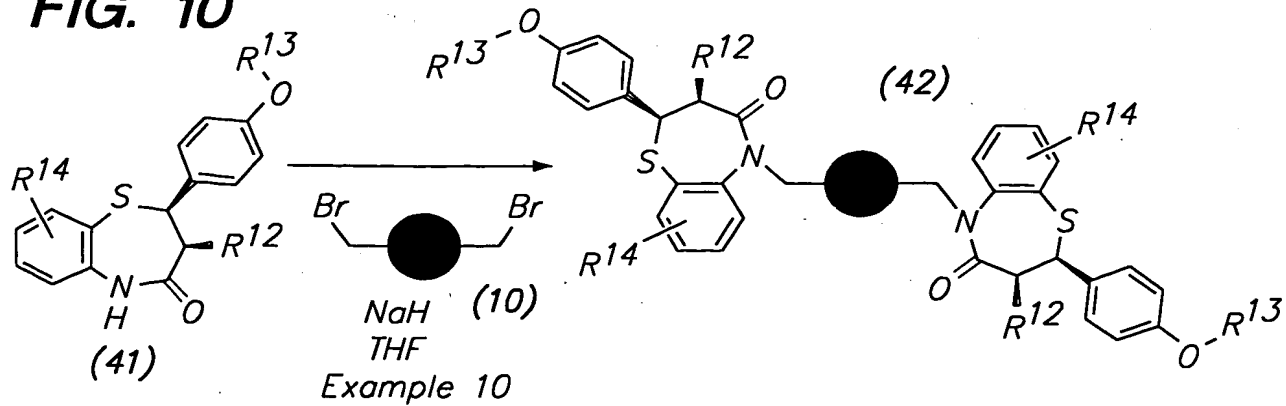


FIG. 8

FIG. 10



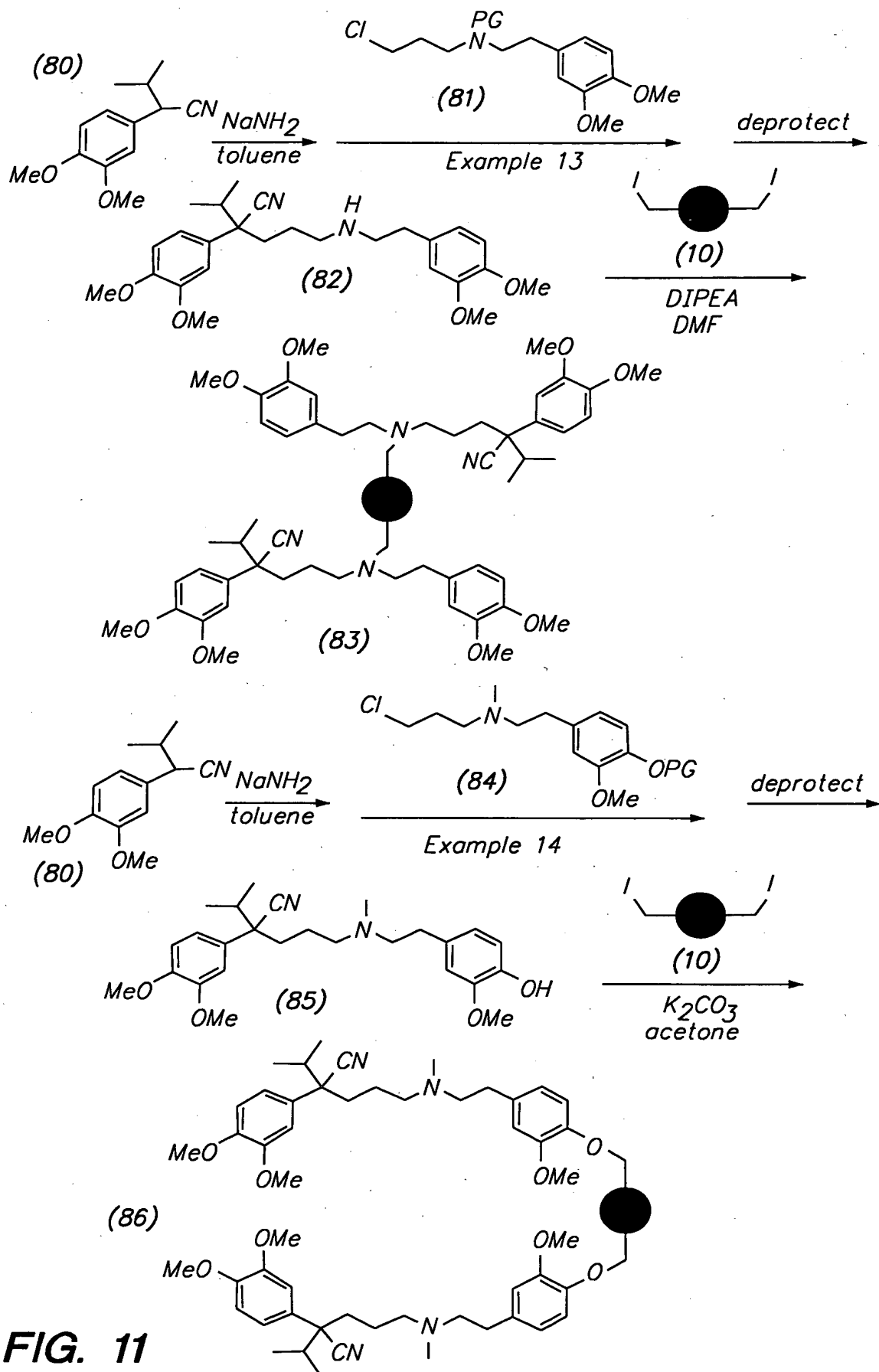


FIG. 11

FIG. 12

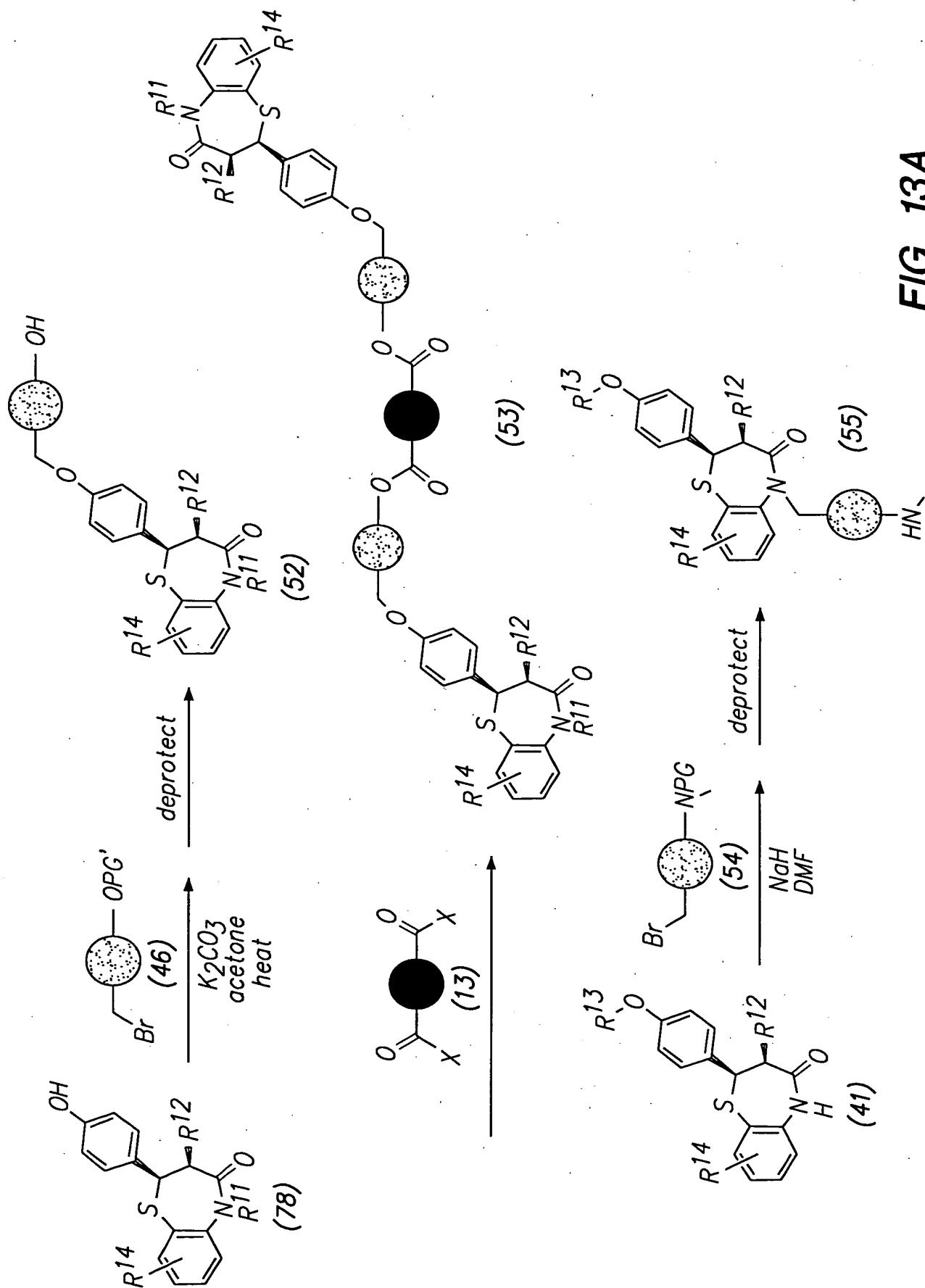


FIG. 13A

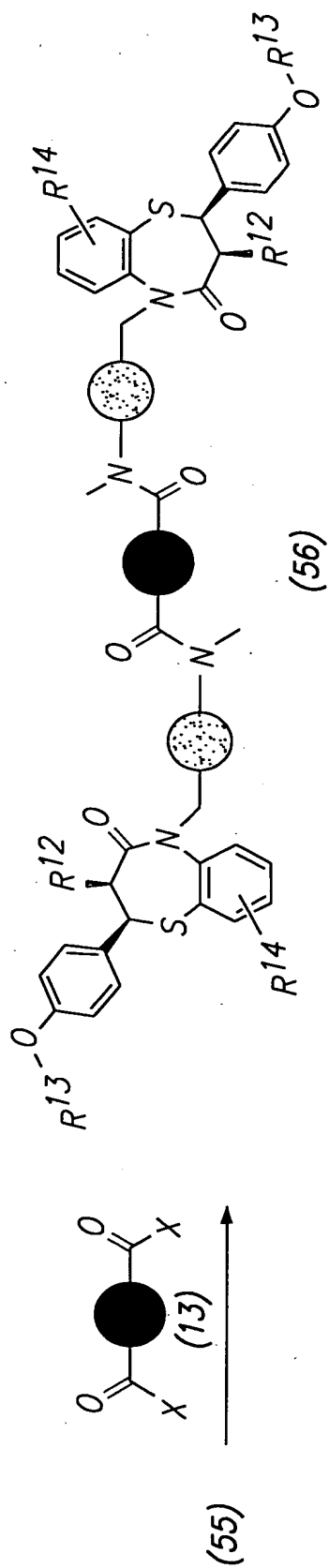


FIG. 13B

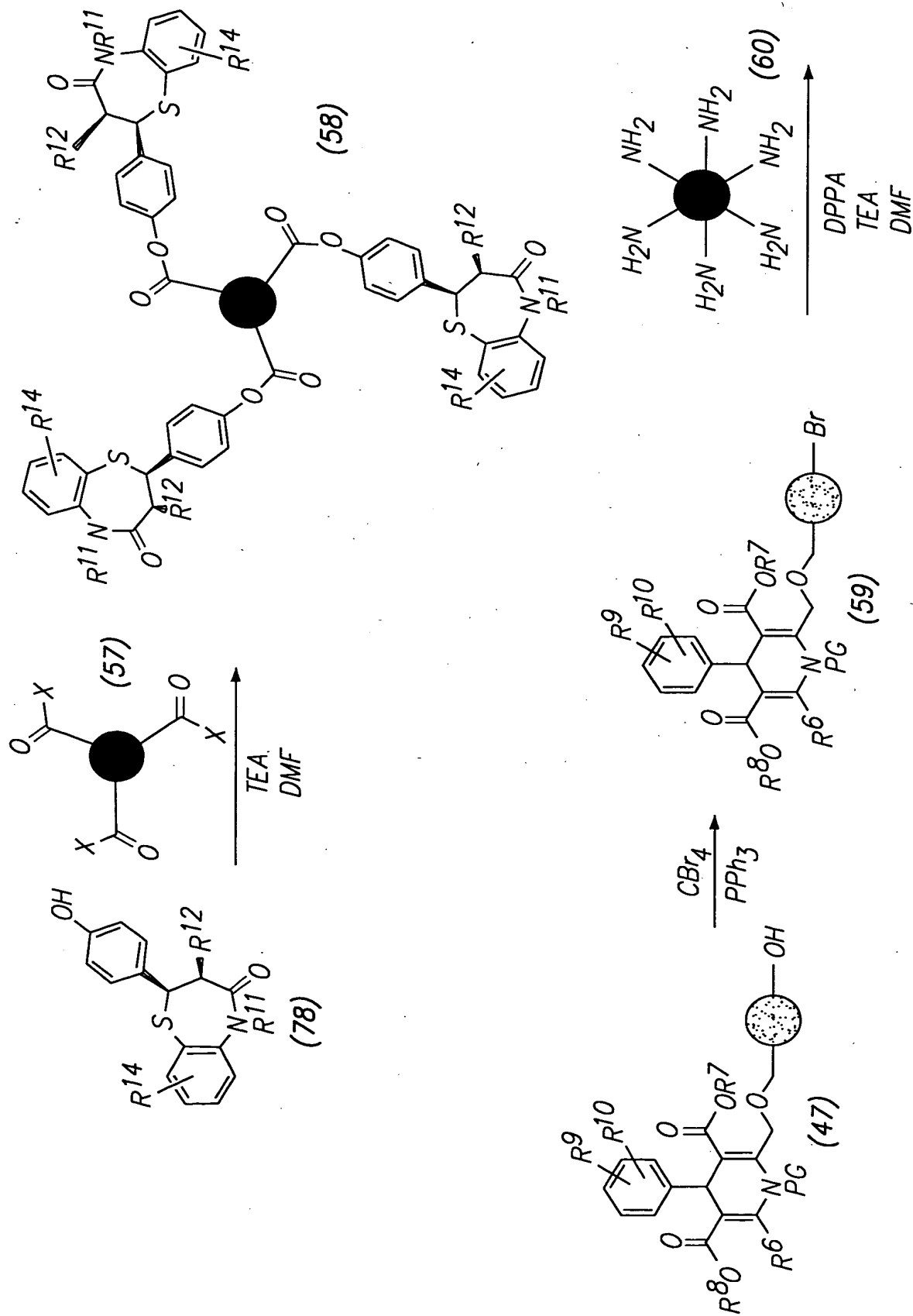


FIG. 14A

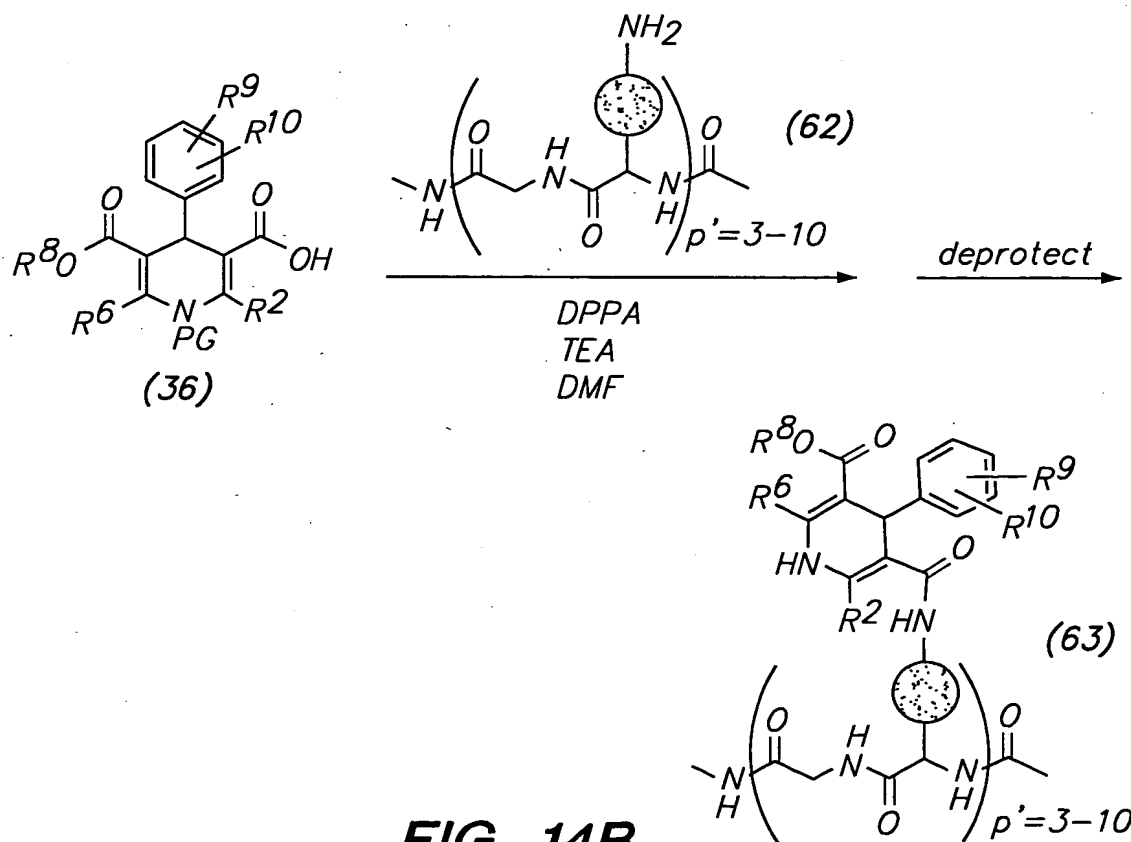
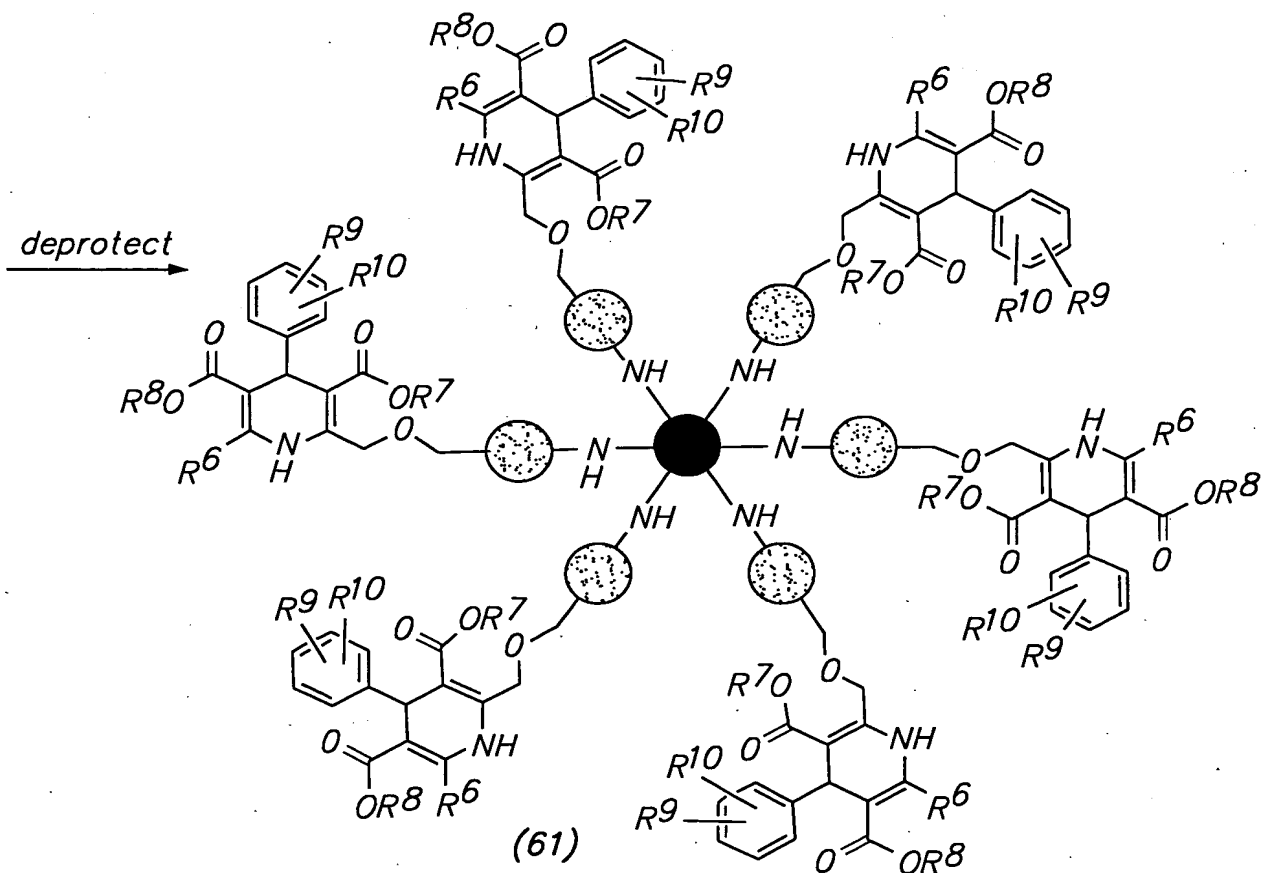


FIG. 14B

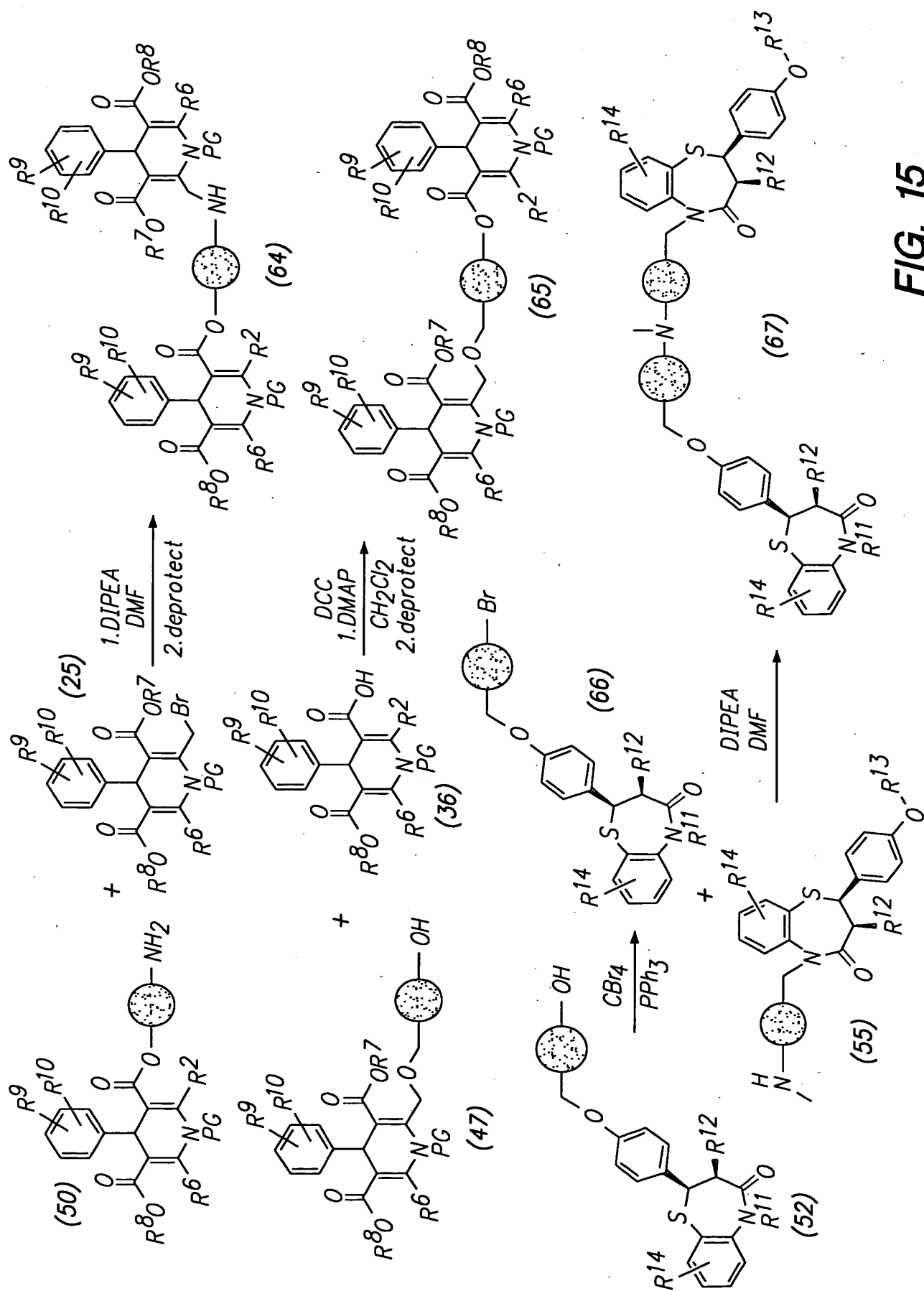


FIG. 15

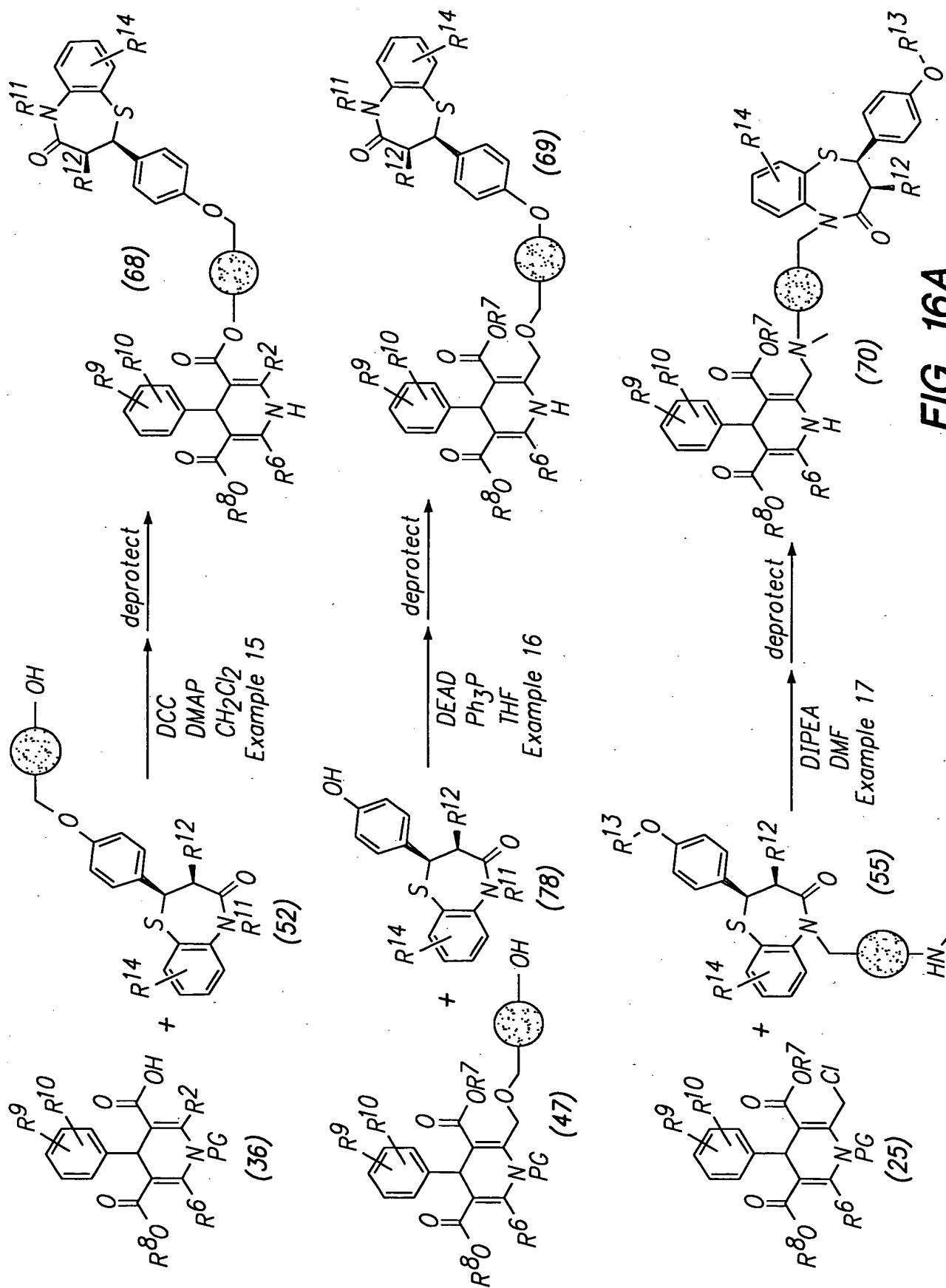


FIG. 16A

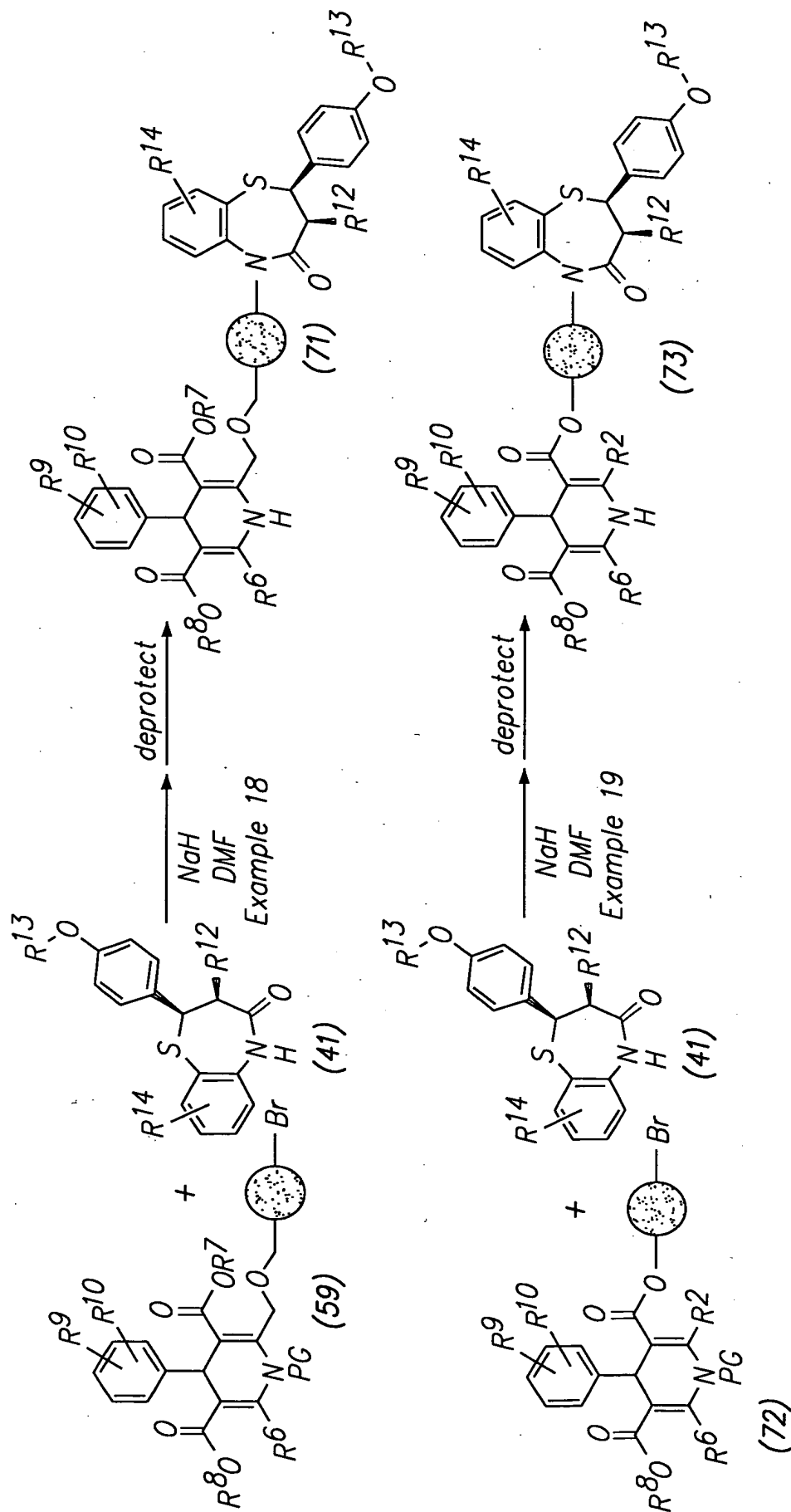


FIG. 16B

FIG. 17

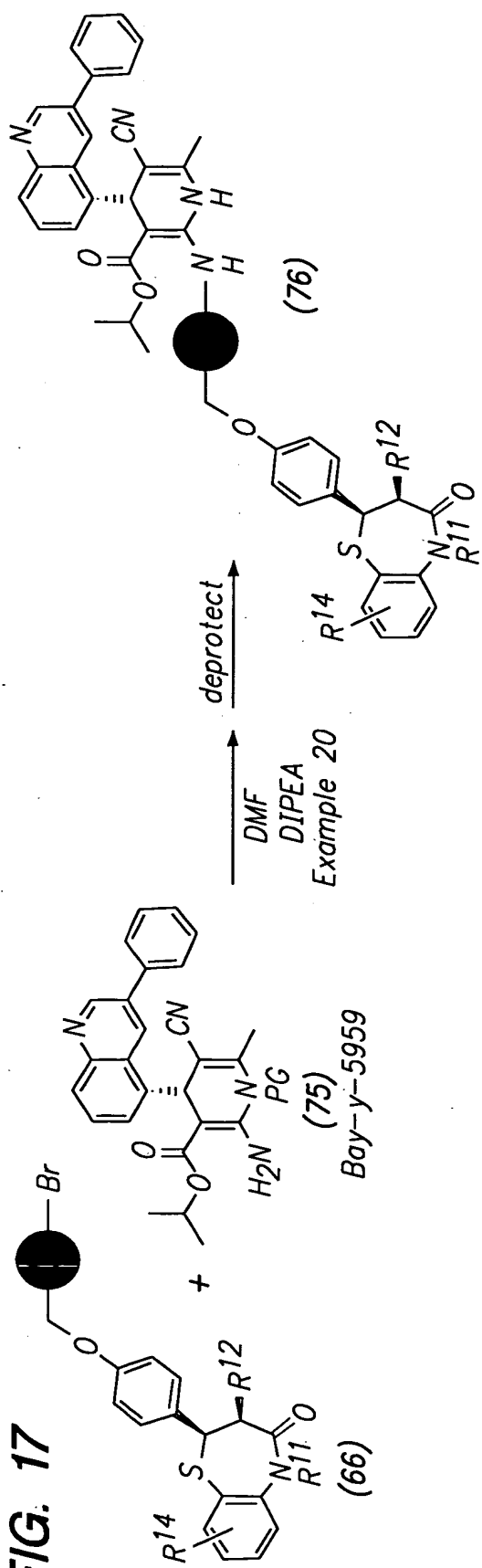
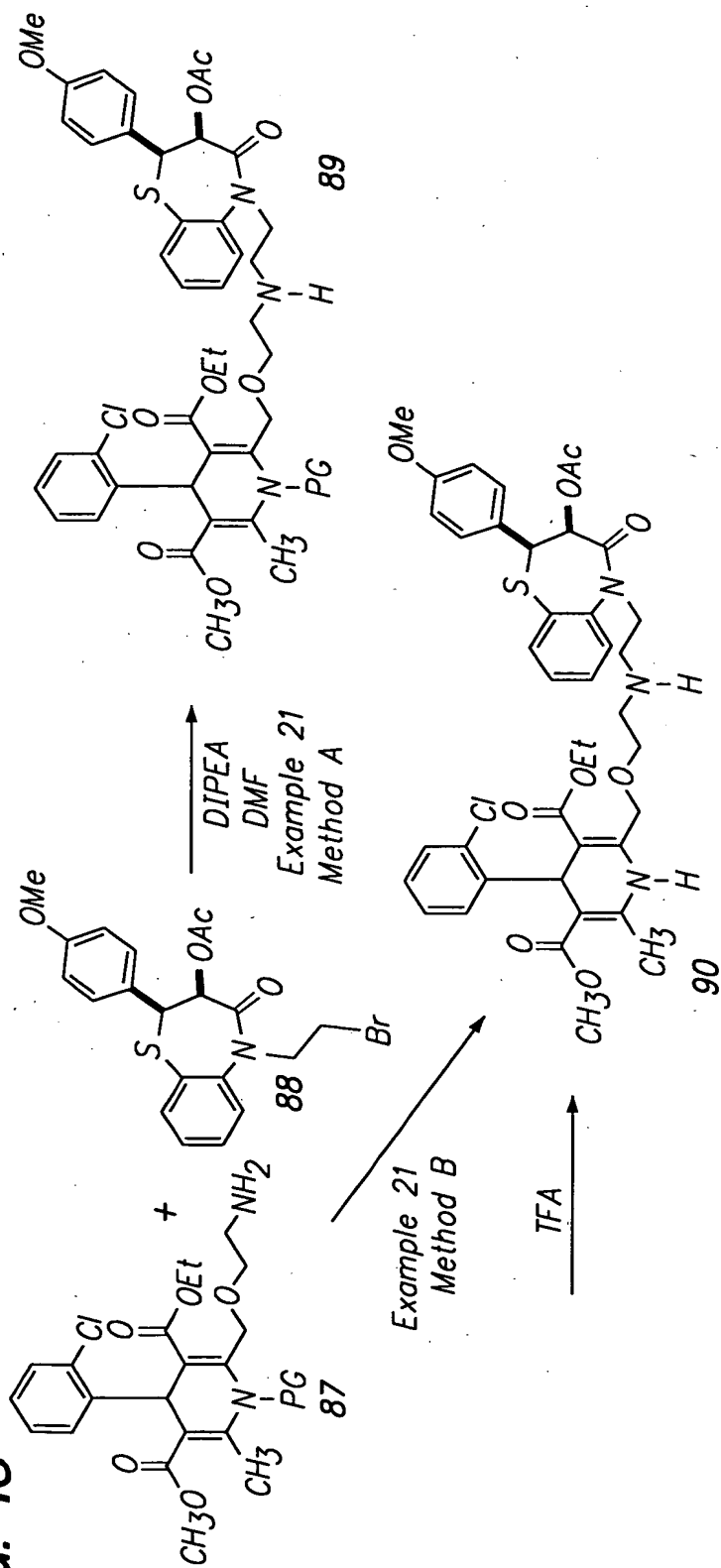


FIG. 18



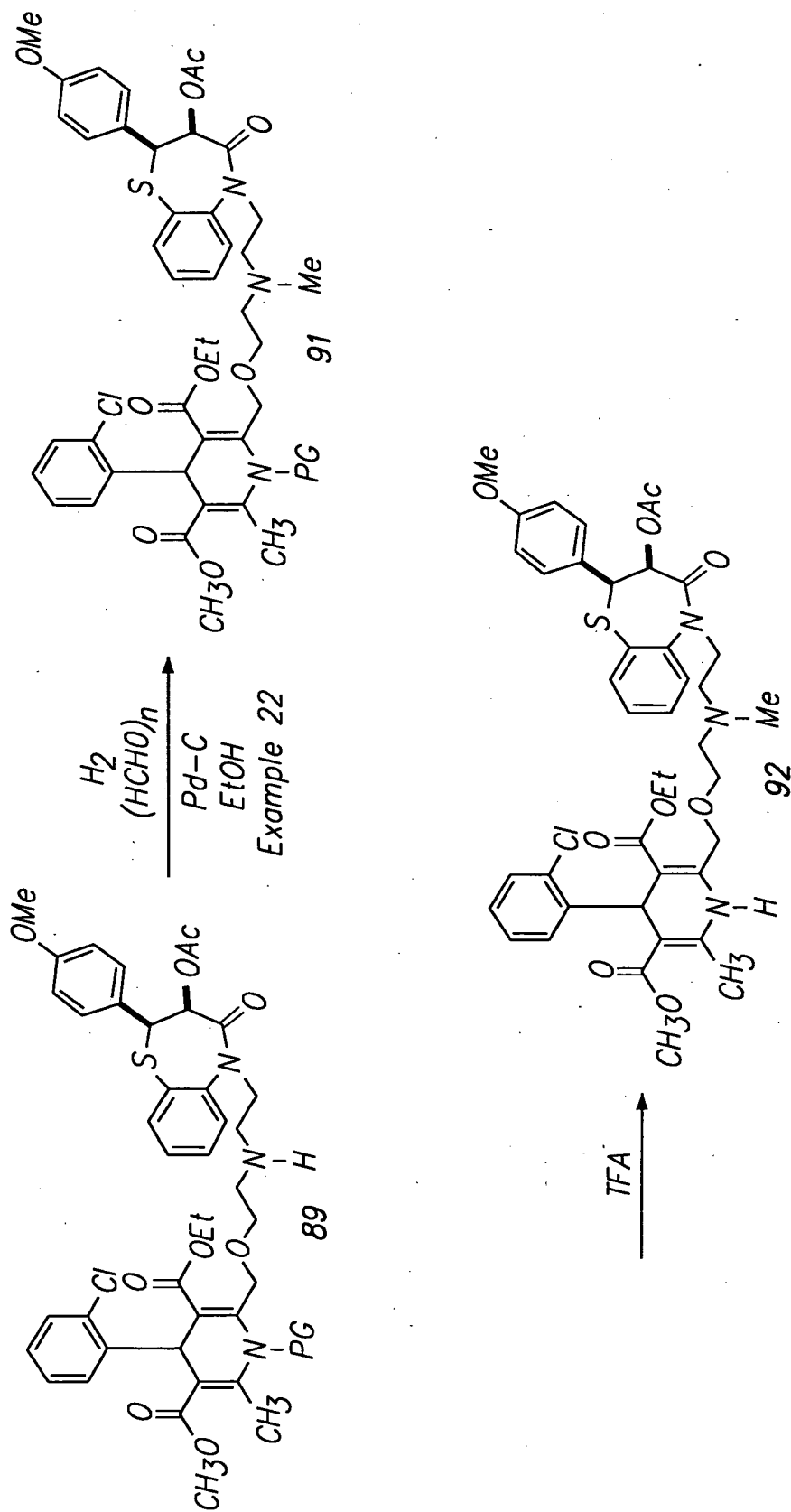


FIG. 19

TBDMSO-CH₂-CH₂-CH₂-N(BOC)-CH₂-CH₂-CH₂-Br +
(41)
NaH
DMF
Example 23

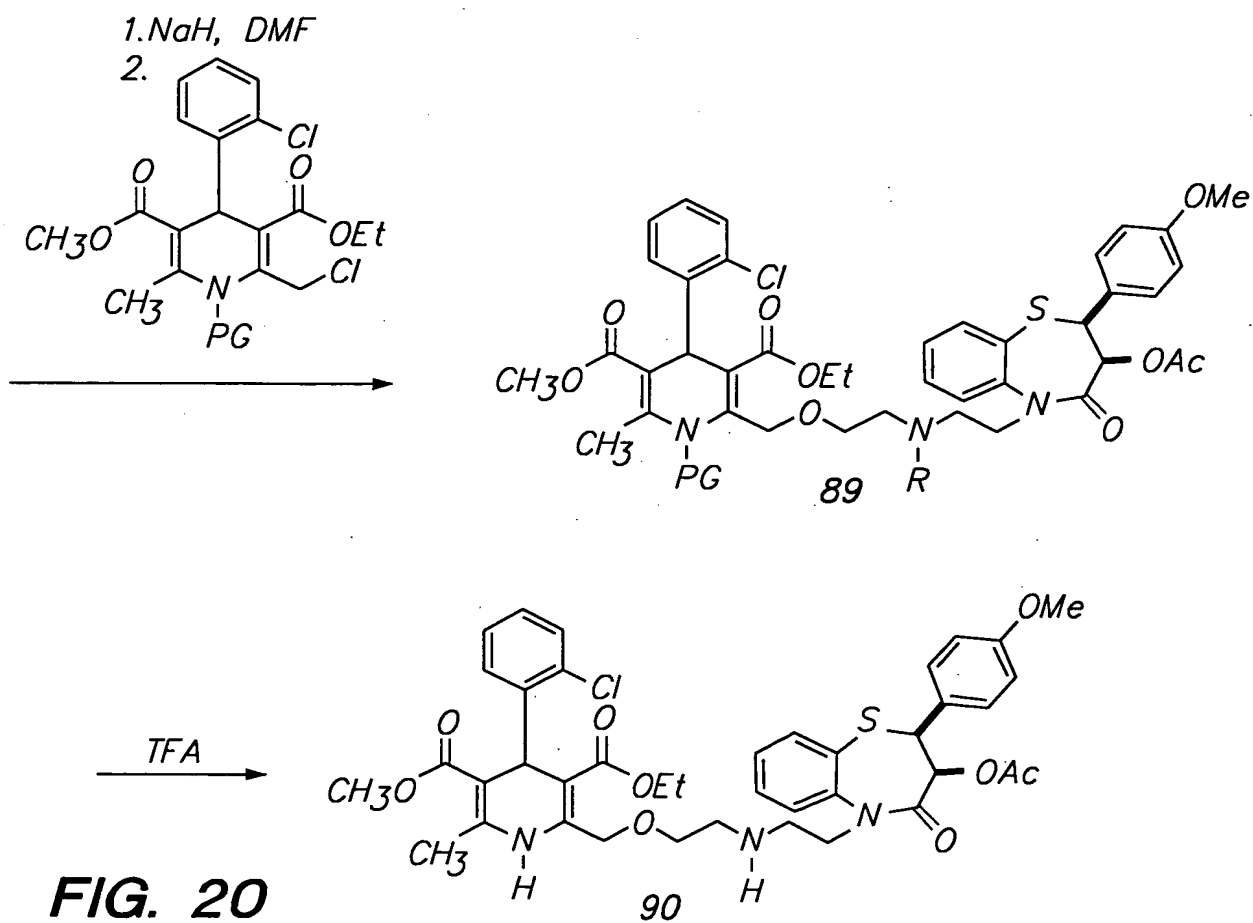
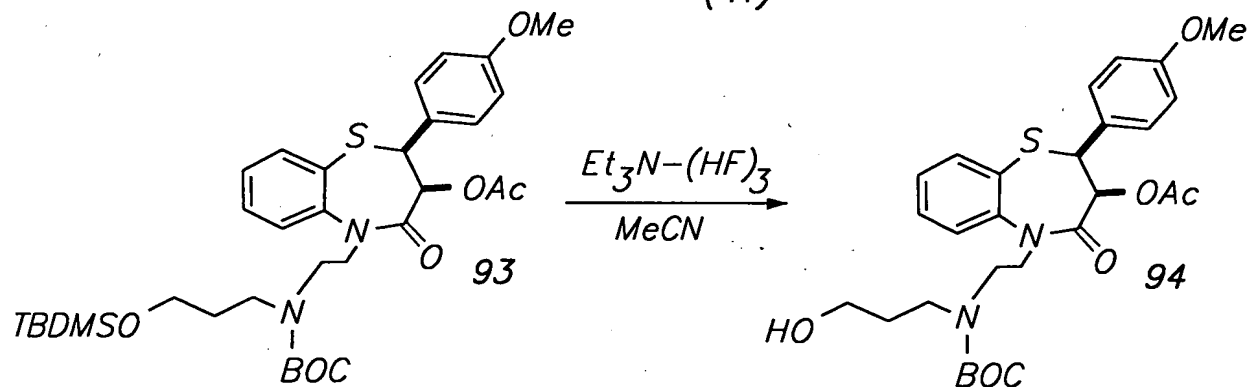
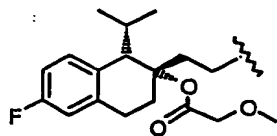


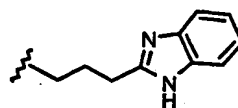
FIG. 20

FIG. 21

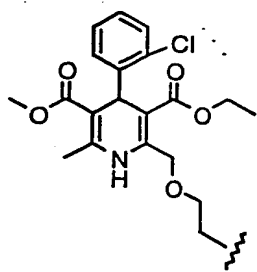
Multivalent Calcium Antagonist Subunits



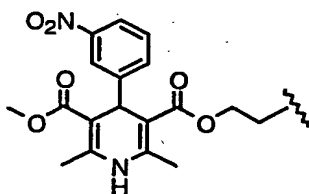
A



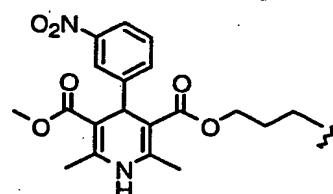
B



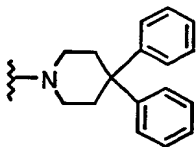
C



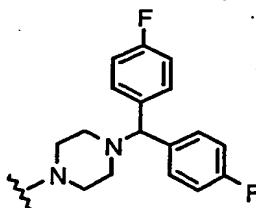
D



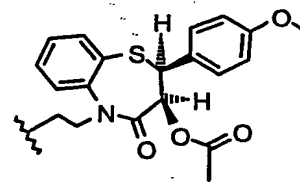
E



F



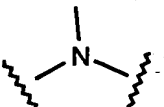
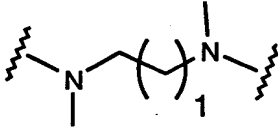
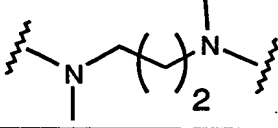
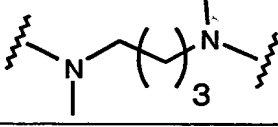
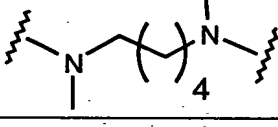
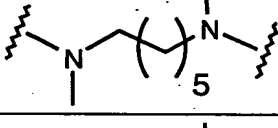
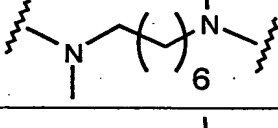
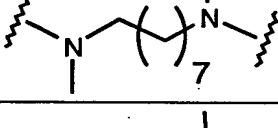
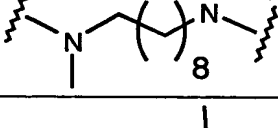
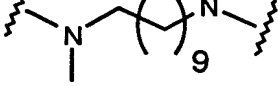
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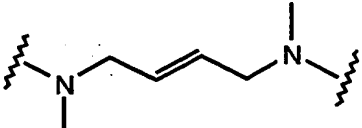
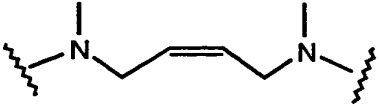
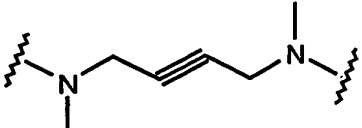
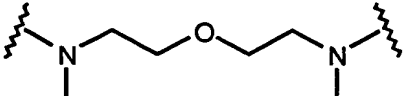
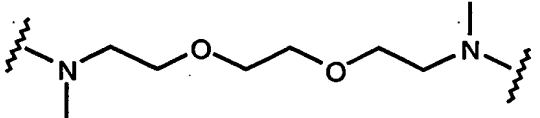
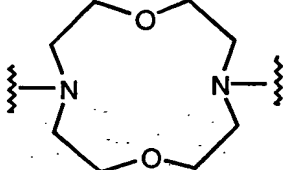
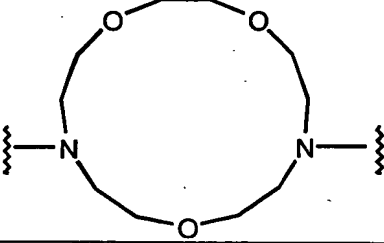
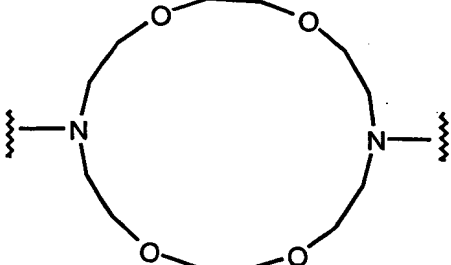
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Multibinding Calcium Channel Antagonist Table

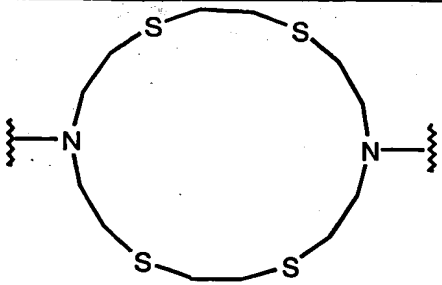
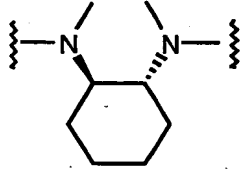
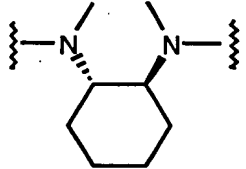
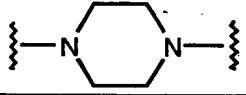

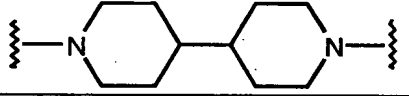
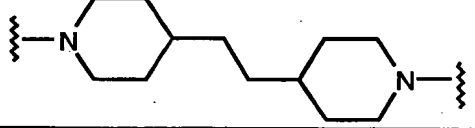
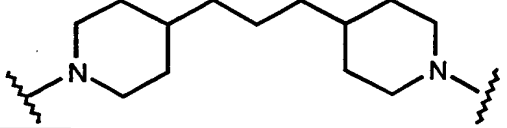
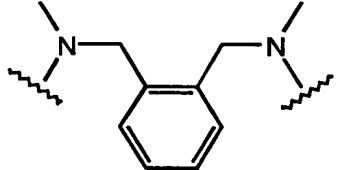
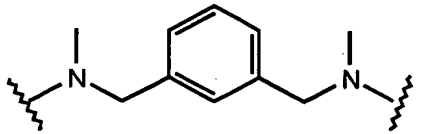
Cmpd	Subunit 1	Linker	Subunit 2
1	A		A
2	A		A
3	A		A
4	A		A
5	A		A
6	A		A
7	A		A
8	A		A
9	A		A
10	A		A

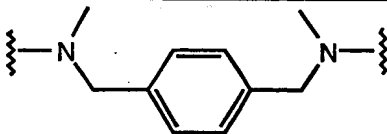
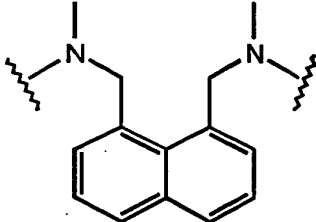
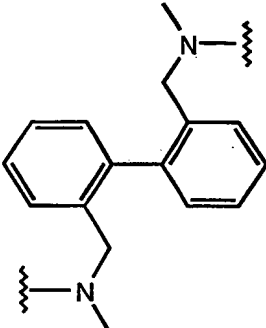
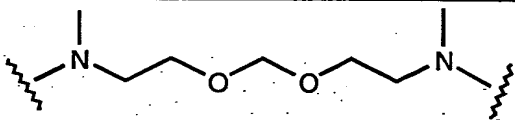
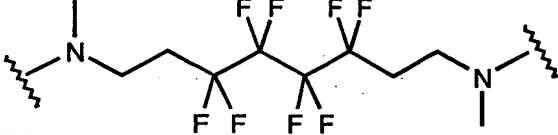
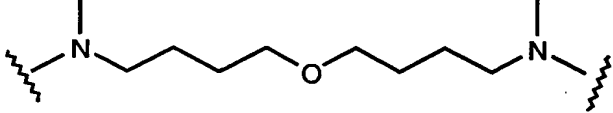
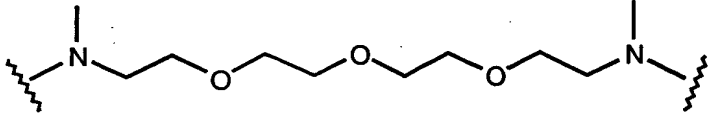
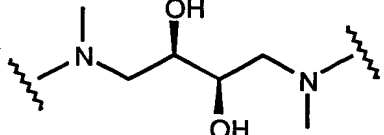
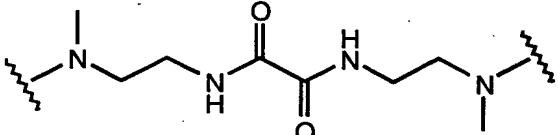
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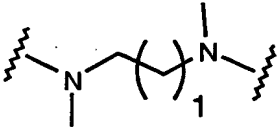
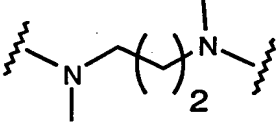
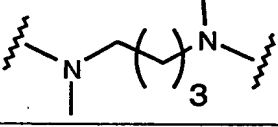
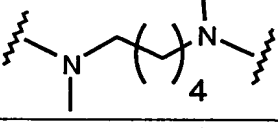
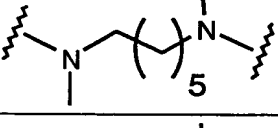
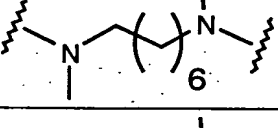
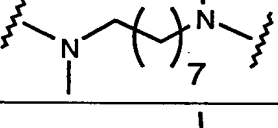
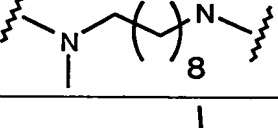
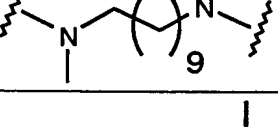
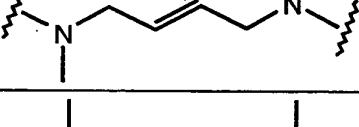
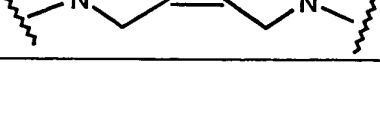
11	A		A
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14	A		A
15	A		A
16	A		A
17	A		A
18	A		A

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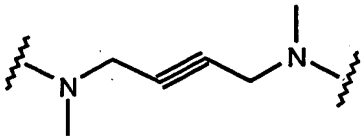
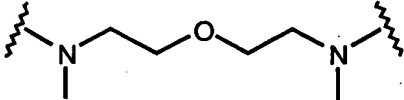
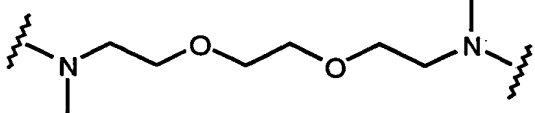
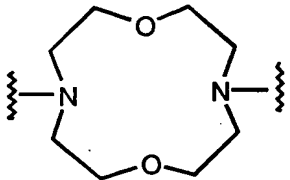
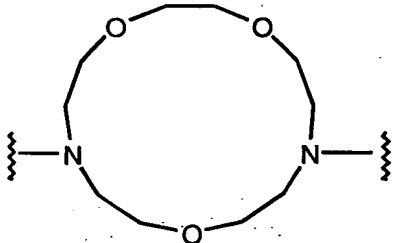
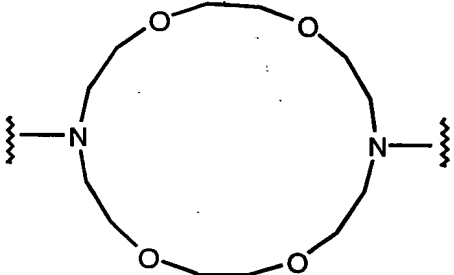
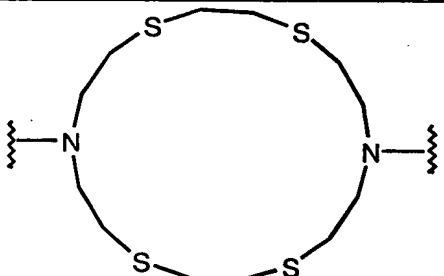
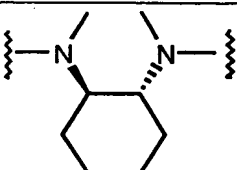
19	A		A
20	A		A
21	A		A
22	A		A
23	A		A
24	A		A
25	A		A
26	A		A
27	A		A
28	A		A

29	A		A
30	A		A
31	A		A
32	A		A
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33	A		A
34	A		A
35	A		A
36	A		A

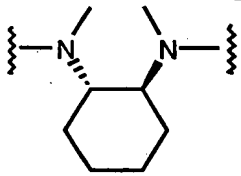
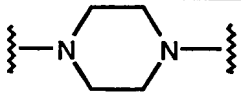
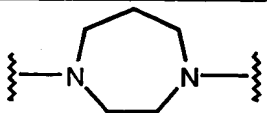
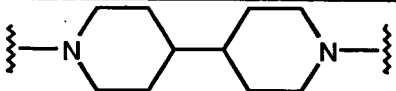
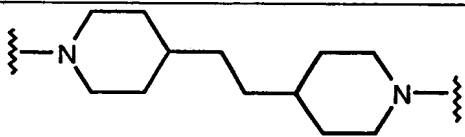
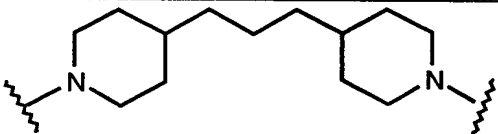
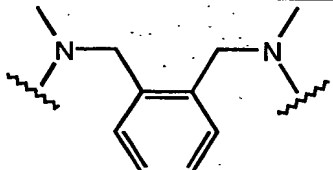
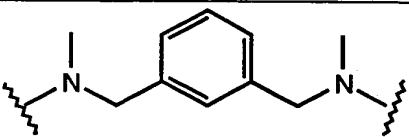
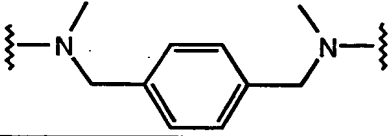
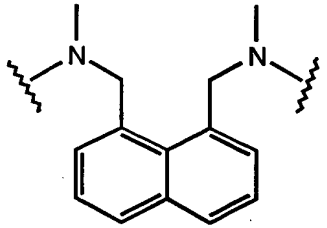
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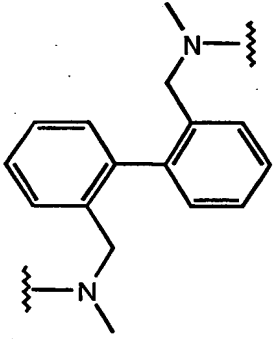
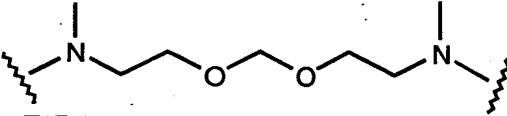
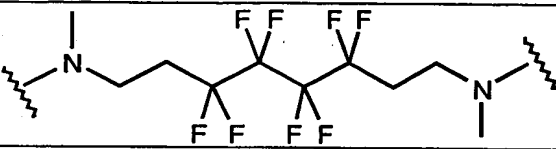
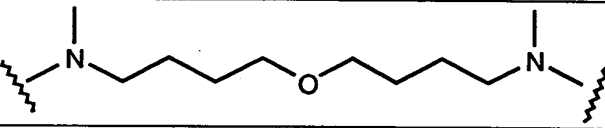
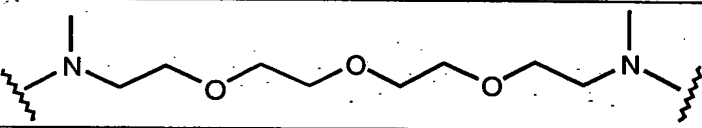
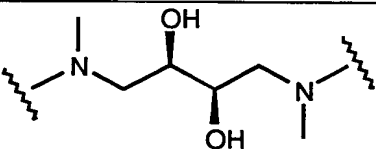
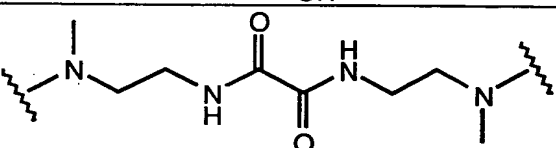
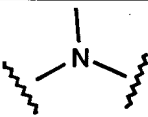
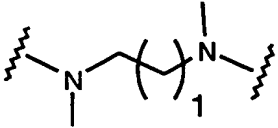
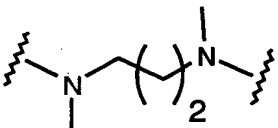
37	A		B
38	A		B
39	A		B
41	A		B
42	A		B
43	A		B
44	A		B
45	A		B
46	A		B
47	A		B
48	A		B

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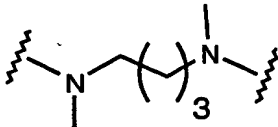
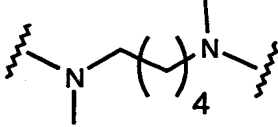
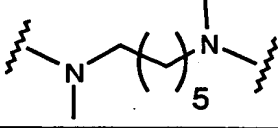
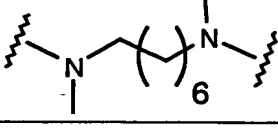
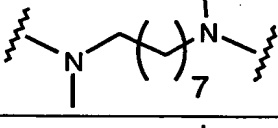
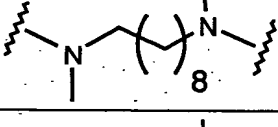
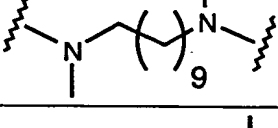
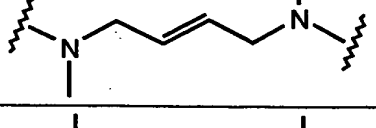
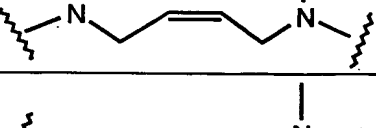
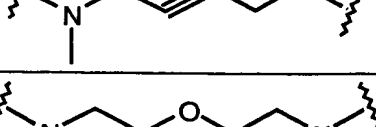
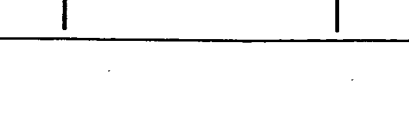
49	A		B
50	A		B
51	A		B
52	A		B
53	A		B
54	A		B
55	A		B
56	A		B

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57	A		B
58	A		B
59	A		B
60	A		B
61	A		B
62	A		B
63	A		B
64	A		B
65	A		B
66	A		B

67	A		B
68	A		B
69	A		B
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71	A		B
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73	A		B
75	A		C
76	A		C
77	A		C


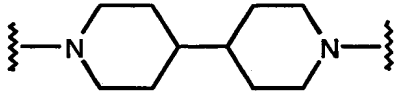
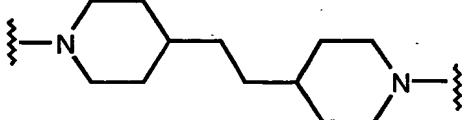
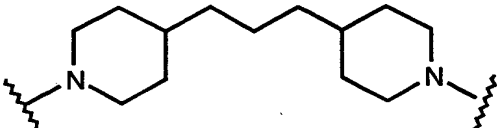
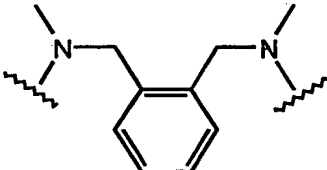
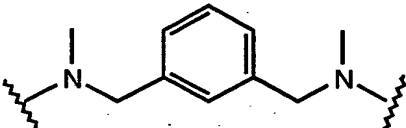
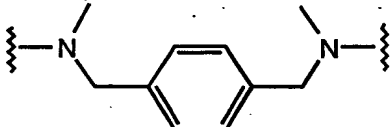
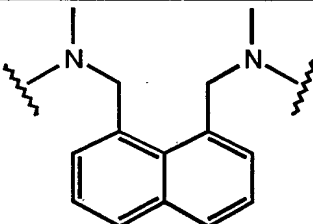
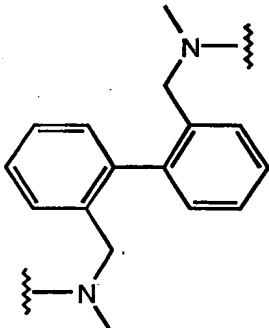
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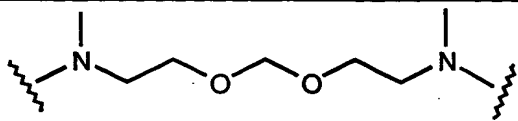
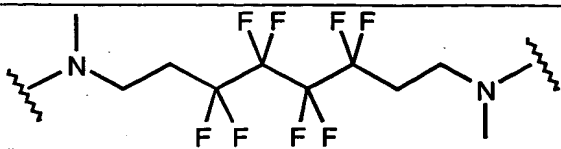
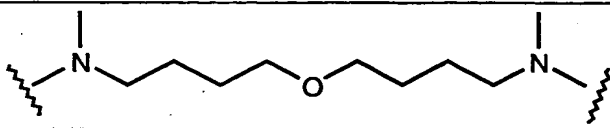
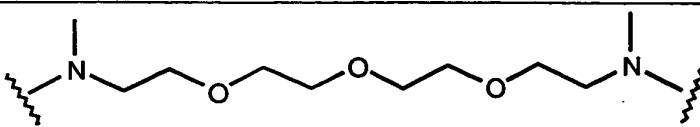
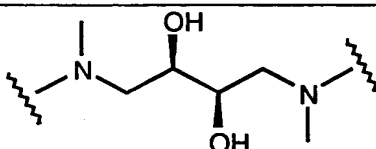
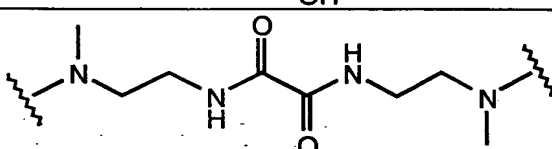
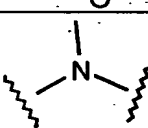
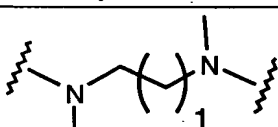
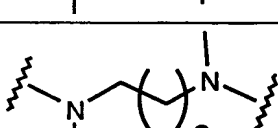
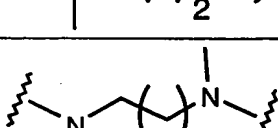
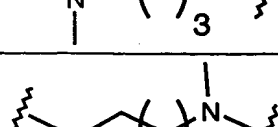
78	A		C
79	A		C
80	A		C
81	A		C
82	A		C
83	A		C
84	A		C
85	A		C
86	A		C
87	A		C
88	A		C

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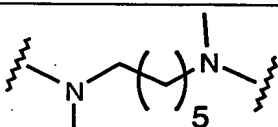
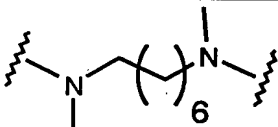
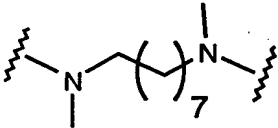
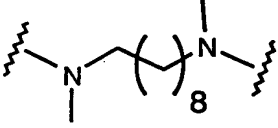
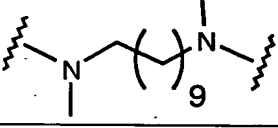
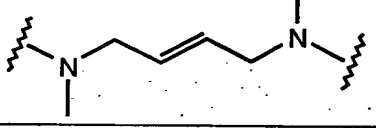

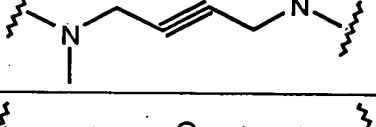
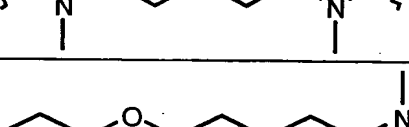
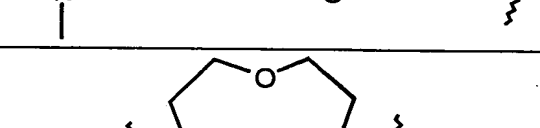
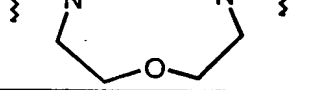
89	A		C
90	A		C
91	A		C
92	A		C
93	A		C
94	A		C
95	A		C
96	A		C

09456429 120899

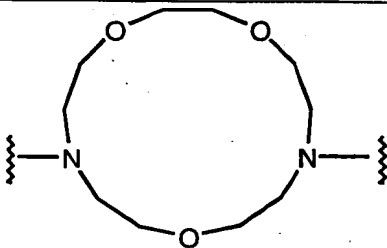
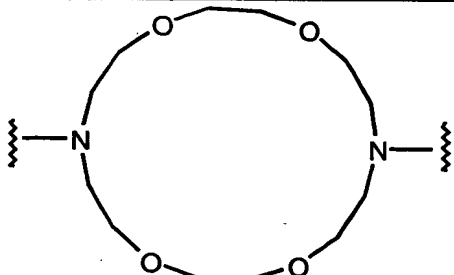
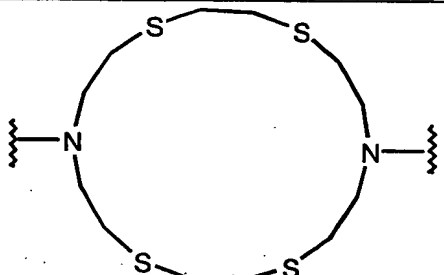
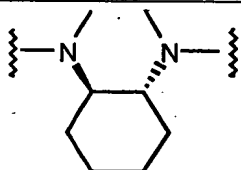
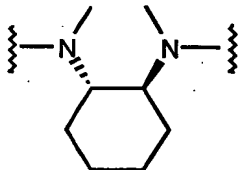
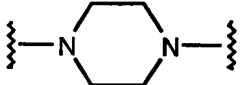

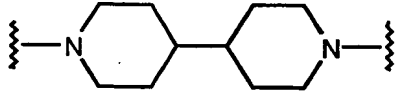
97	A		C
98	A		C
99	A		C
100	A		C
101	A		C
102	A		C
103	A		C
104	A		C
105	A		C

106	A		C
107	A		C
108	A		C
109	A		C
110	A		C
111	A		C
112	A		D
113	A		D
114	A		D
115	A		D
116	A		D

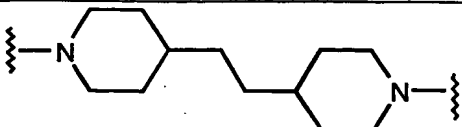
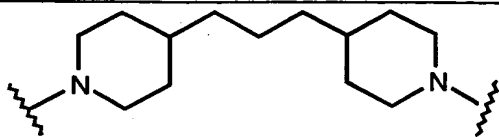
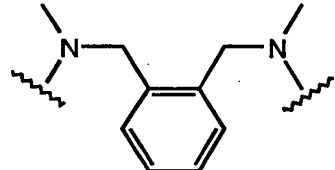
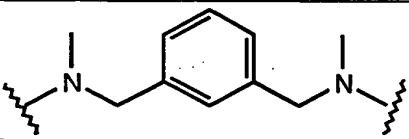
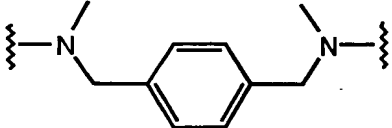
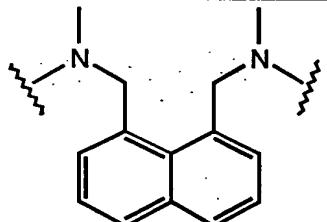
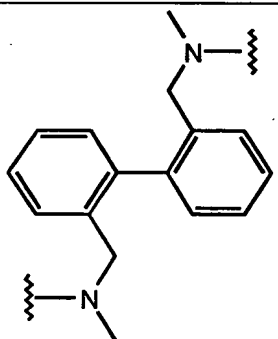
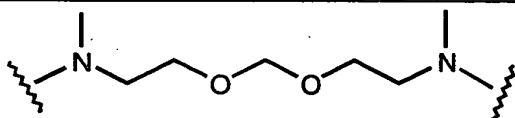
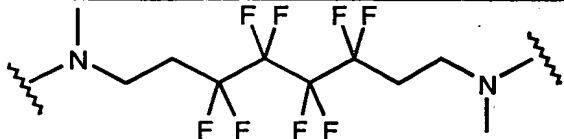
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117	A		D
118	A		D
119	A		D
120	A		D
121	A		D
122	A		D
123	A		D
124	A		D
125	A		D
126	A		D
127	A		D

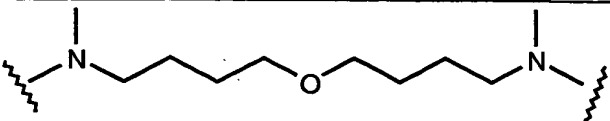
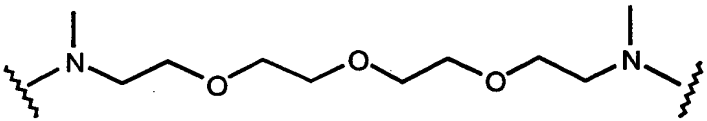
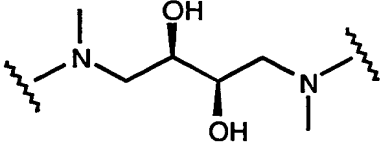
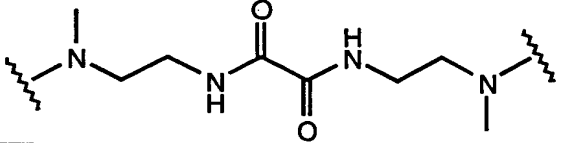
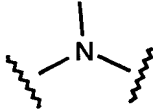
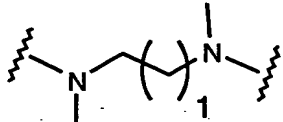
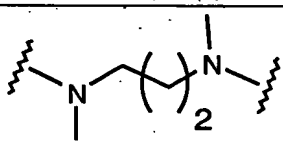
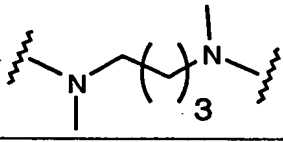
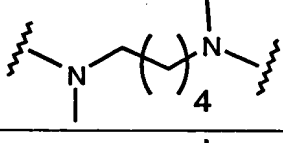
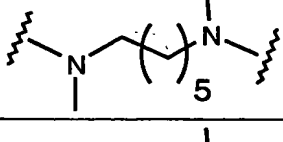
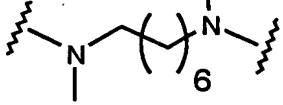
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128	A		D
129	A		D
130	A		D
131	A		D
132	A		D
133	A		D
134	A		D
135	A		D

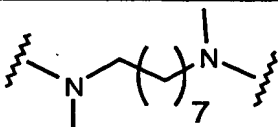
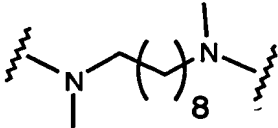
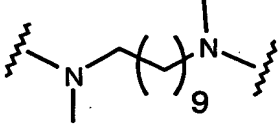
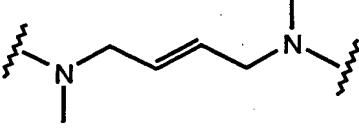


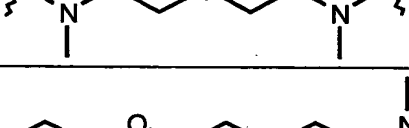
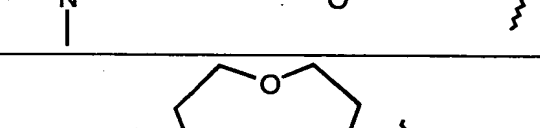
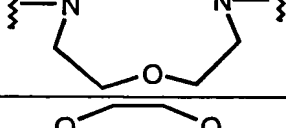
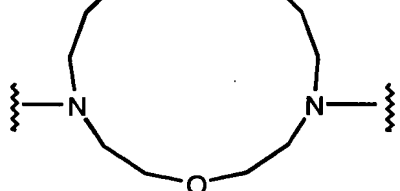
094549 1009027-66

136	A		D
137	A		D
138	A		D
139	A		D
140	A		D
141	A		D
142	A		D
143	A		D
144	A		D

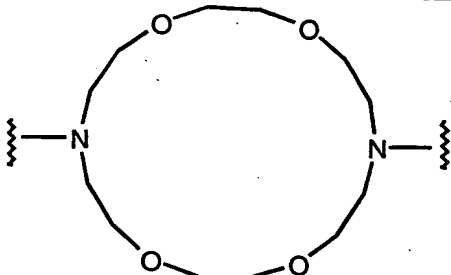
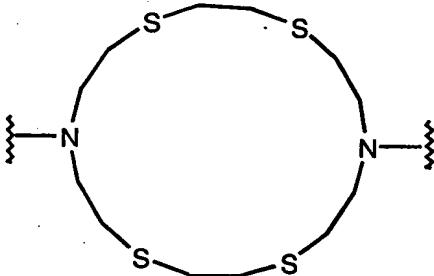
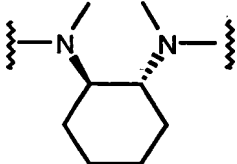
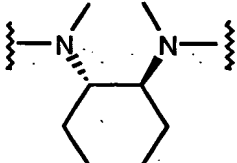

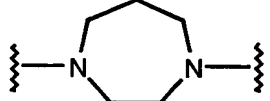
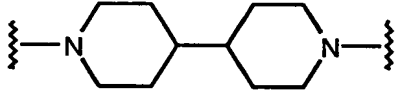
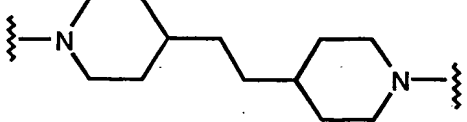
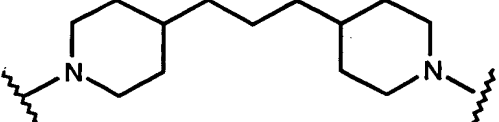
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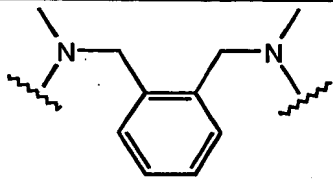
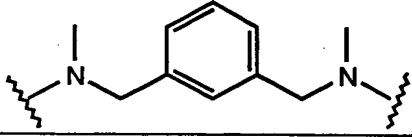
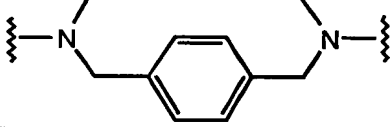
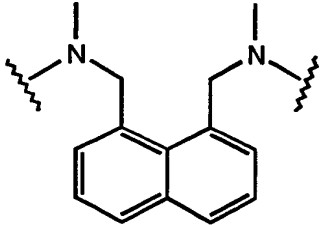
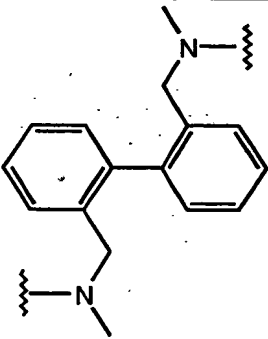
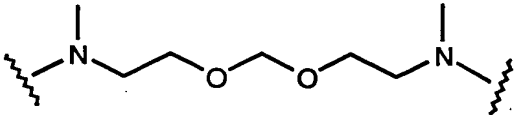
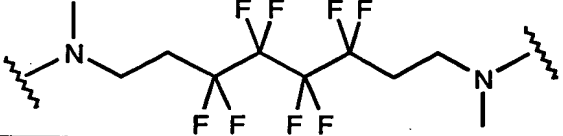
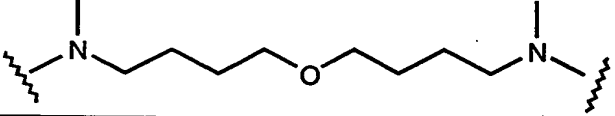
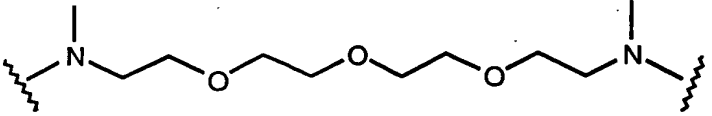
145	A		D
146	A		D
147	A		D
148	A		D
149	A		E
150	A		E
151	A		E
152	A		E
153	A		E
154	A		E
155	A		E

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156	A		E
157	A		E
158	A		E
159	A		E
160	A		E
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162	A		E
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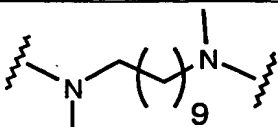
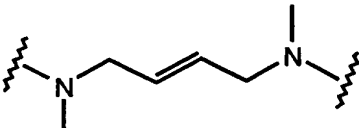
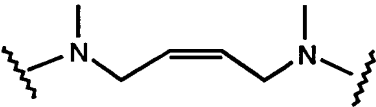
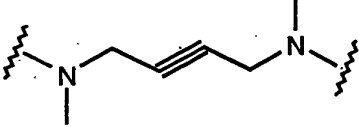
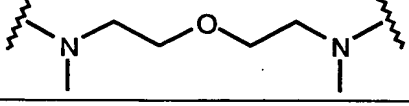
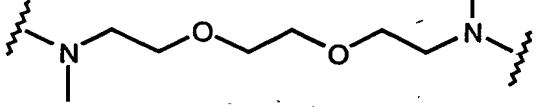
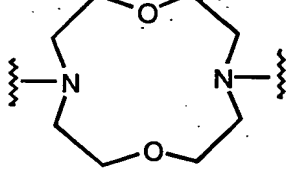
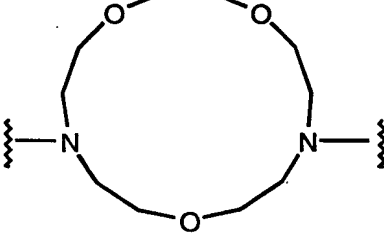
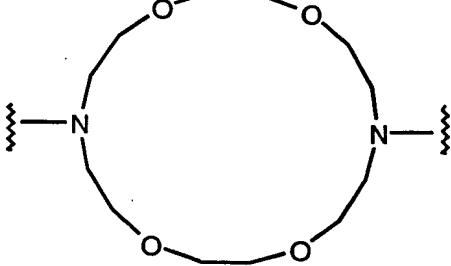
166	A		E
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174	A		E

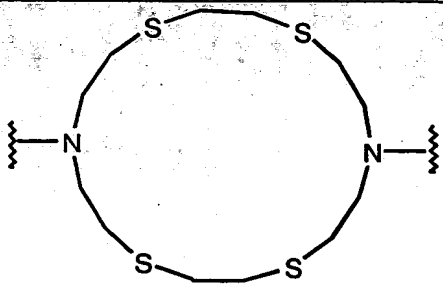
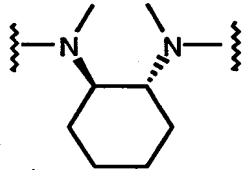
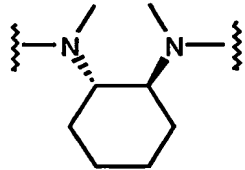

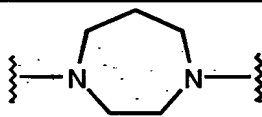
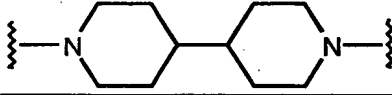
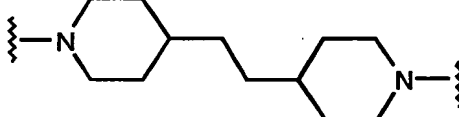
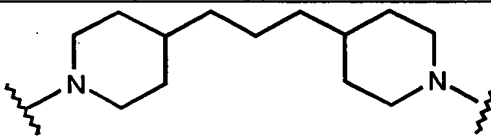
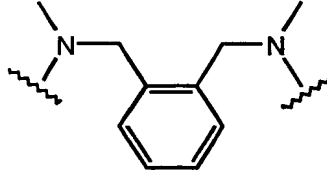
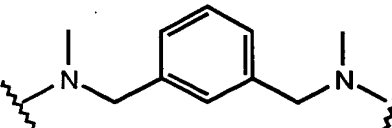
175	A		E
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183	A		E

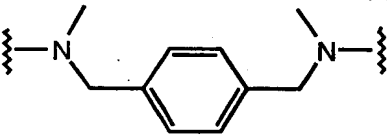
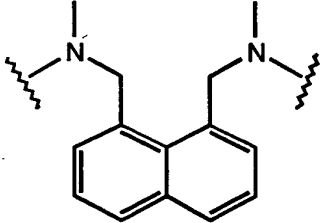
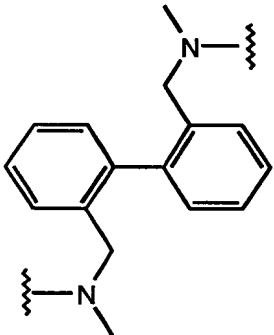
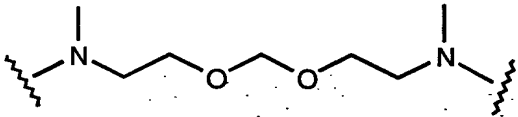
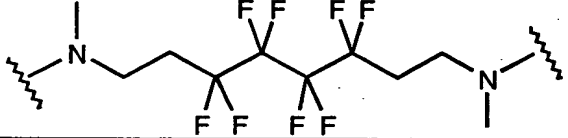
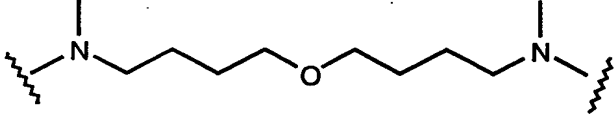
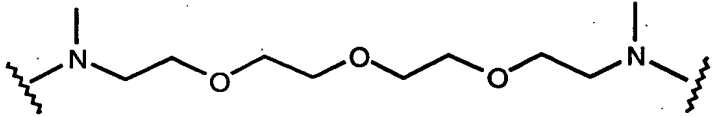
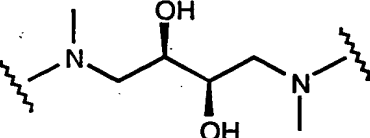
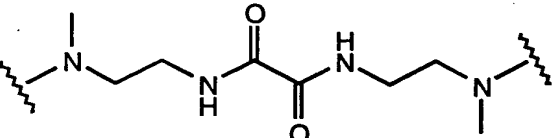
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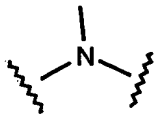
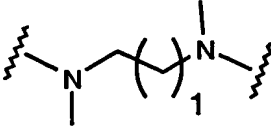
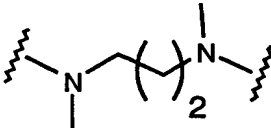
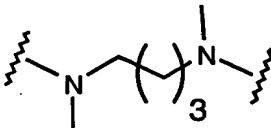
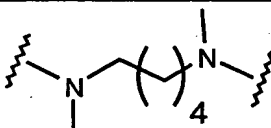
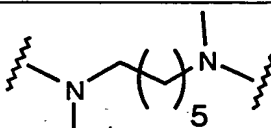
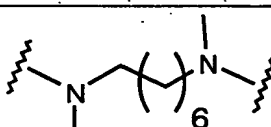
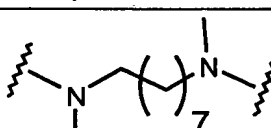
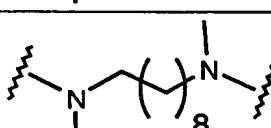
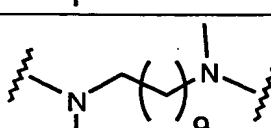
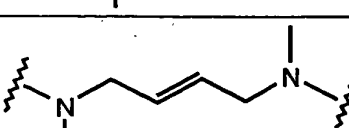
184	A		E
185	A		E
186	A		H
187	A		H
188	A		H
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193	A		H
194	A		H

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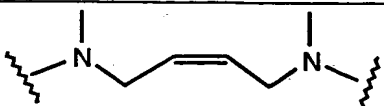
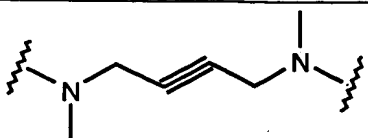
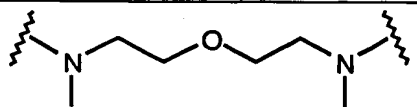
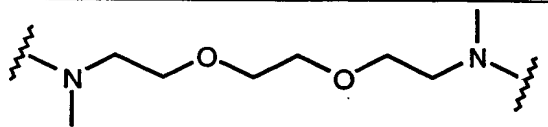
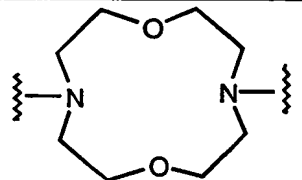
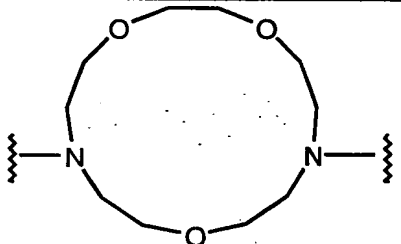
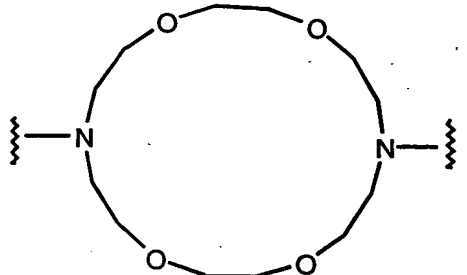
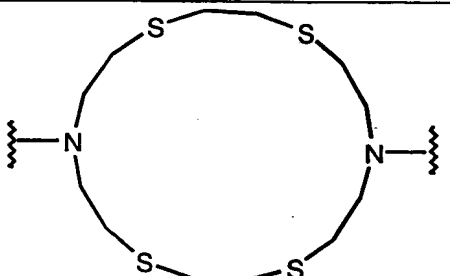
195	A		H
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198	A		H
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200	A		H
201	A		H
202	A		H
203	A		H

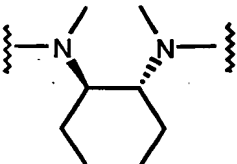
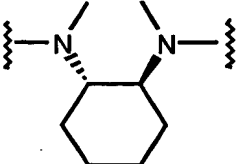


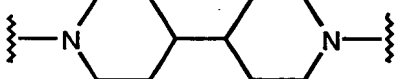
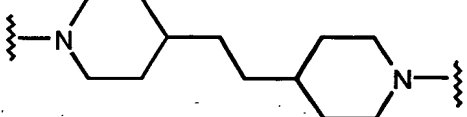
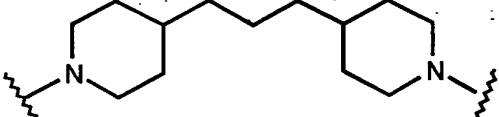
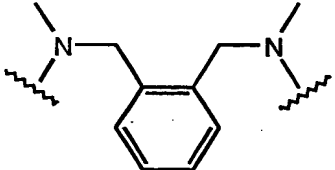
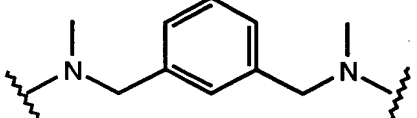
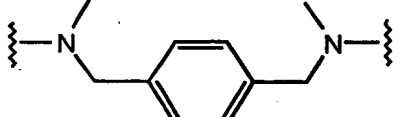
204	A		H
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207	A		H
208	A		H
209	A		H
210	A		H
211	A		H
212	A		H
213	A		H

214	A		H
215	A		H
216	A		H
217	A		H
218	A		H
219	A		H
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221	A		H
222	A		H

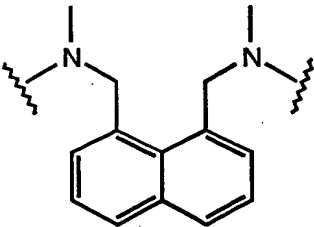
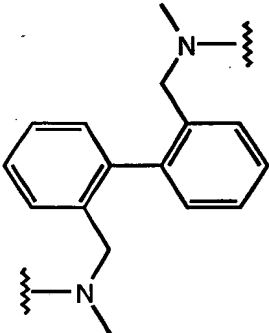
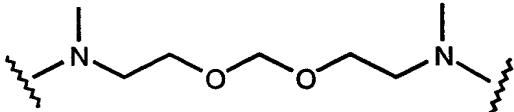
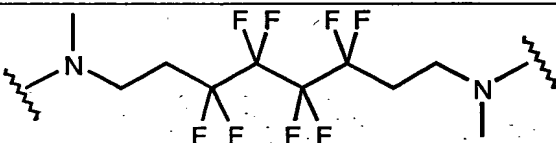
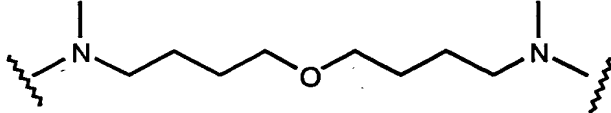
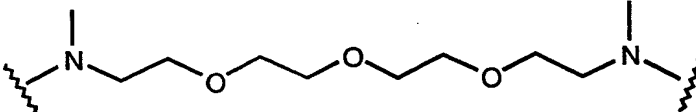
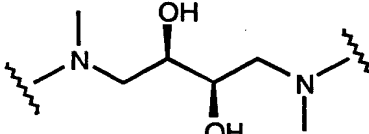
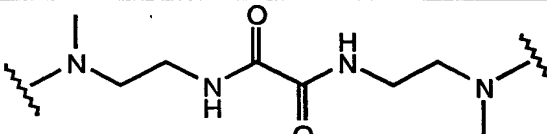
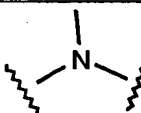
223	B		C
224	B		C
225	B		C
226	B		C
227	B		C
228	B		C
229	B		C
230	B		C
231	B		C
232	B		C
233	B		C

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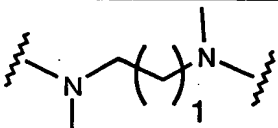
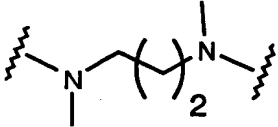
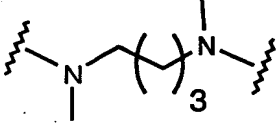
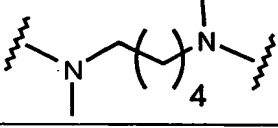
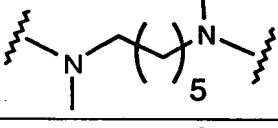
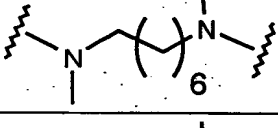
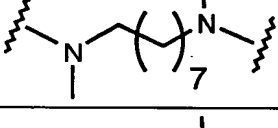
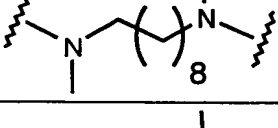
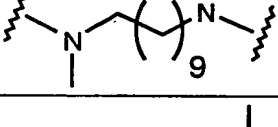
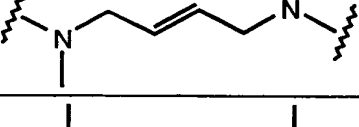

234	B		C
235	B		C
236	B		C
237	B		C
238	B		C
239	B		C
249	B		C
250	B		C

251	B		C
252	B		C
253	B		C
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260	B		C

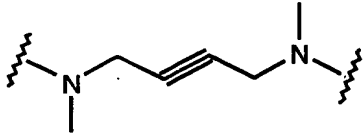
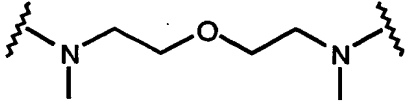
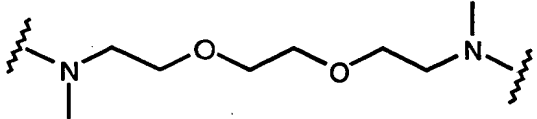
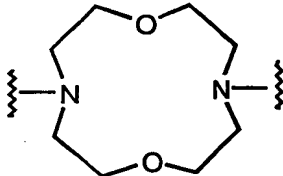
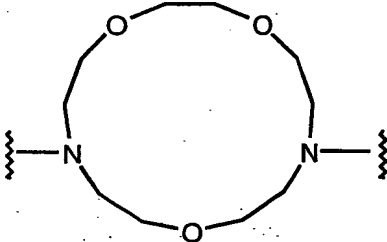
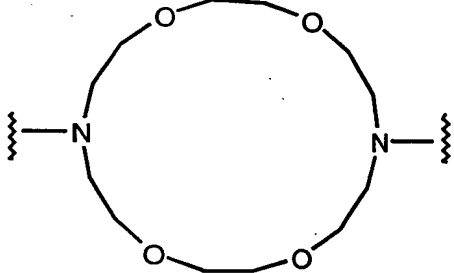
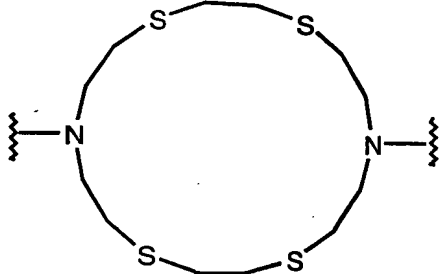
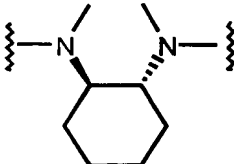
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261	B		C
262	B		C
263	B		C
264	B		C
265	B		C
266	B		C
267	B		C
268	B		C
269	B		D

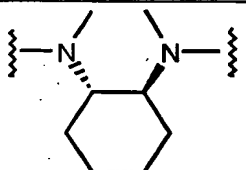

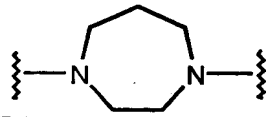
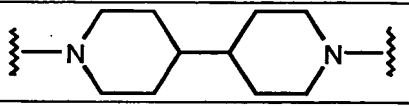
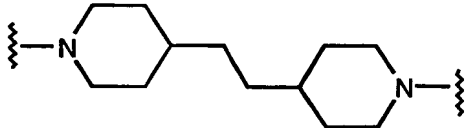
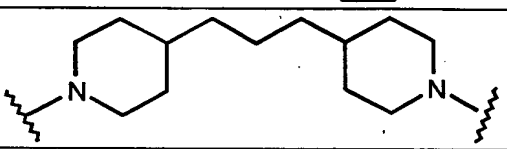
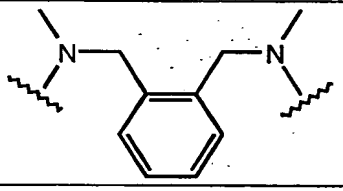
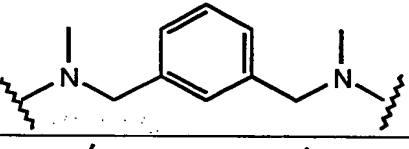
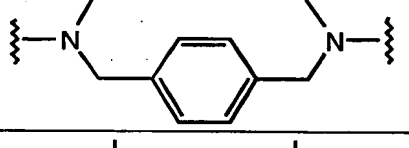
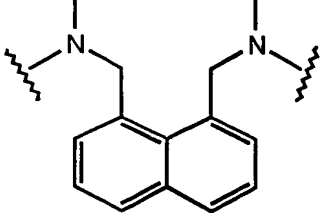
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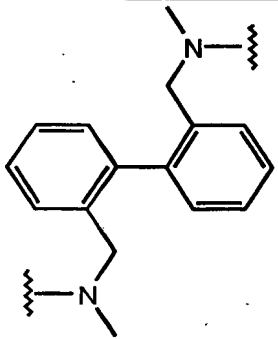
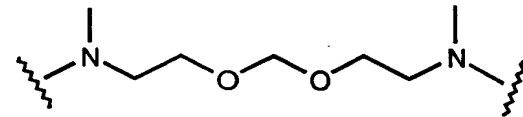
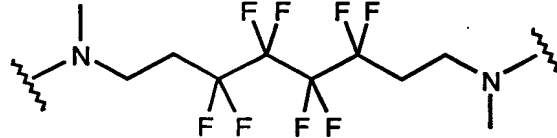
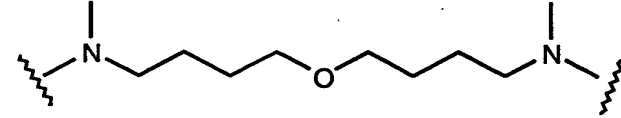
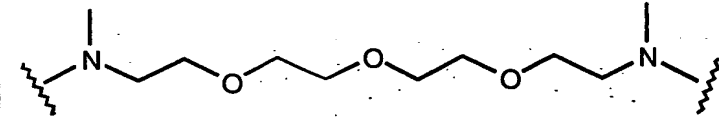
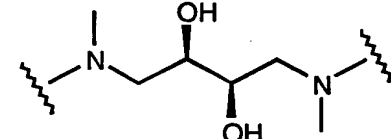
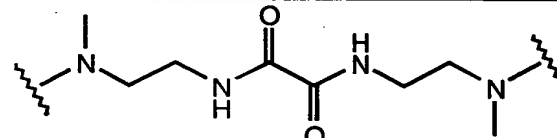
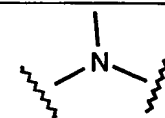
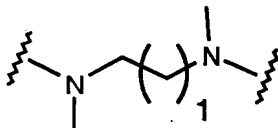
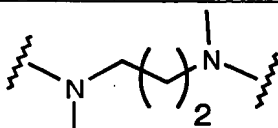
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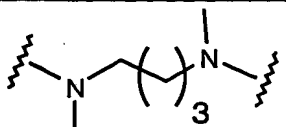
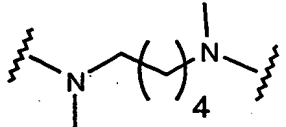
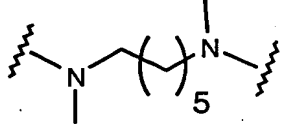
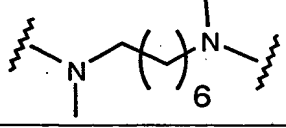
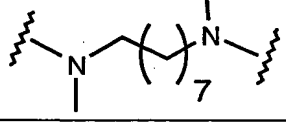
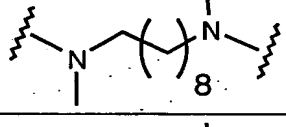
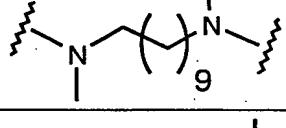
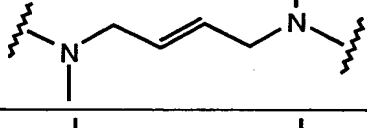
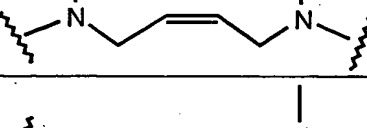
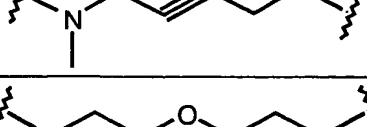

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287	B		D
288	B		D

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289	B		D
290	B		D
291	B		D
292	B		D
293	B		D
294	B		D
295	B		D
296	B		D
297	B		D
298	B		D

299	B		D
300	B		D
301	B		D
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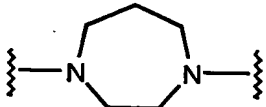
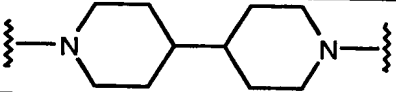

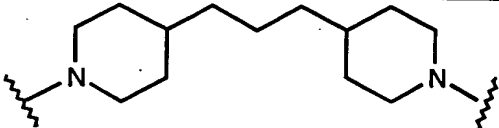
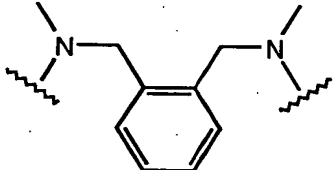
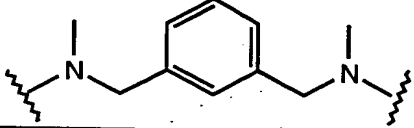
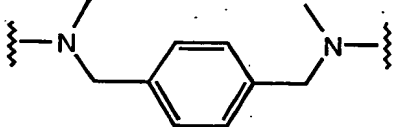
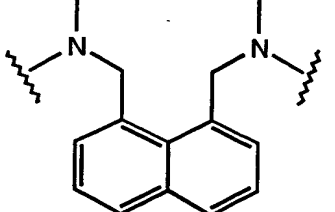
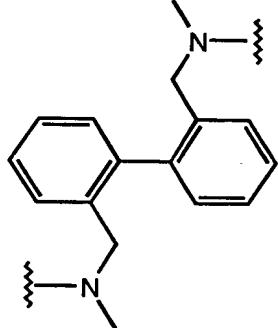
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315	B		E
316	B		E
317	B		E
318	B		E
319	B		E

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320	B		E
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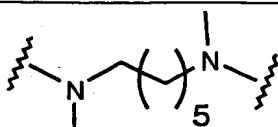

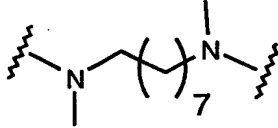
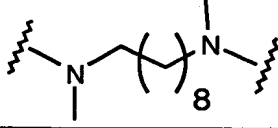
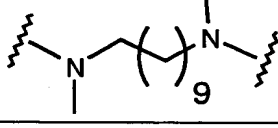
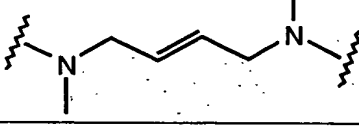

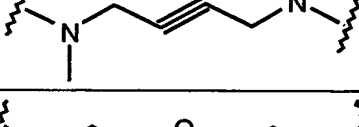
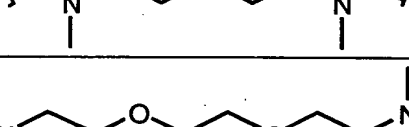
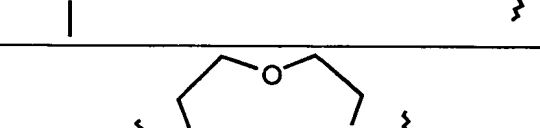
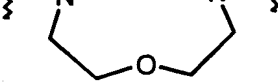
09456439-10890

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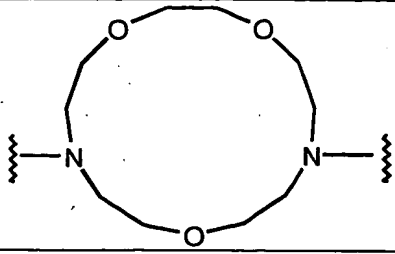
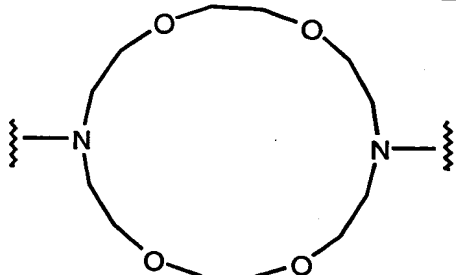
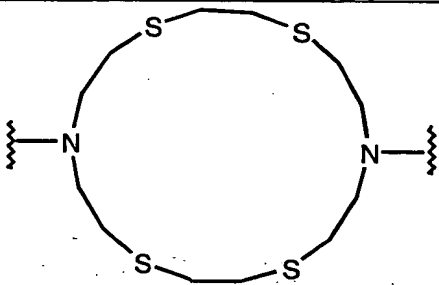
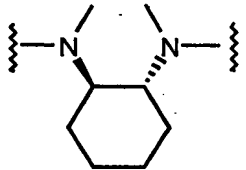
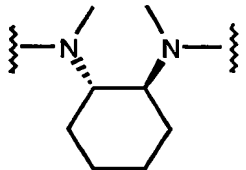
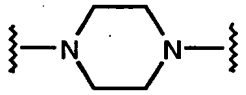

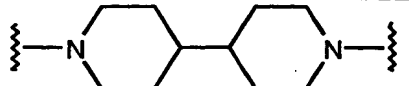
09456429-10899

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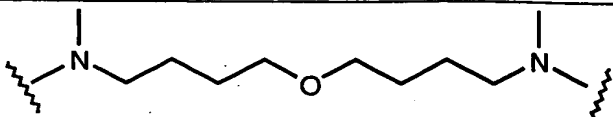
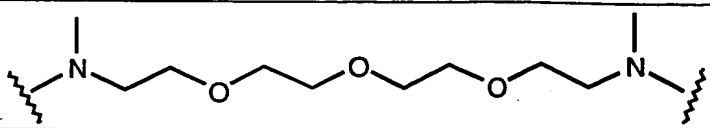
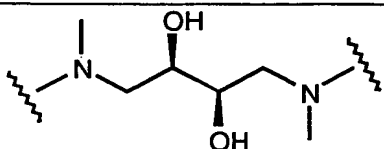
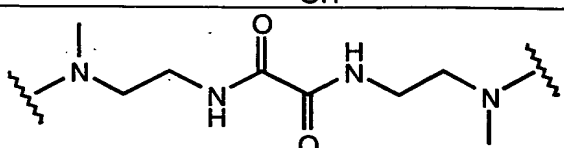
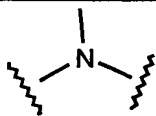
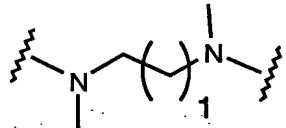
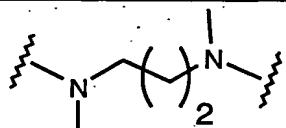
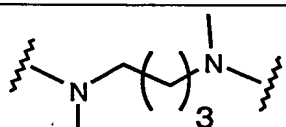
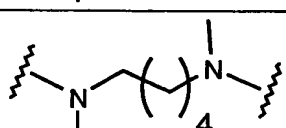
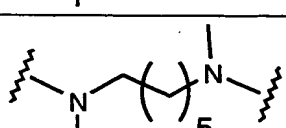
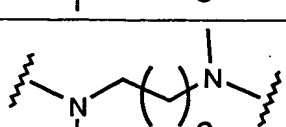
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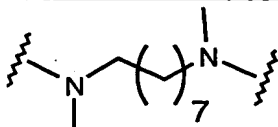
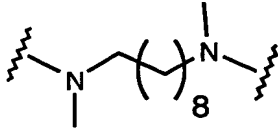
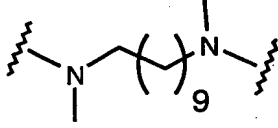
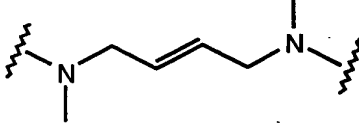
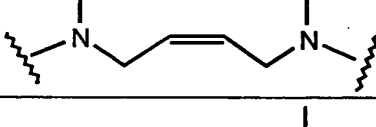
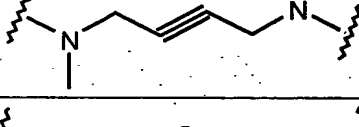
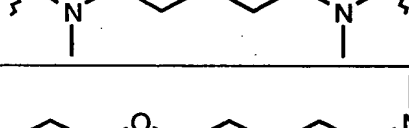
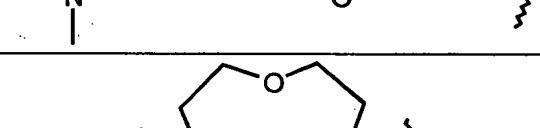
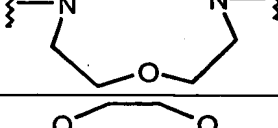
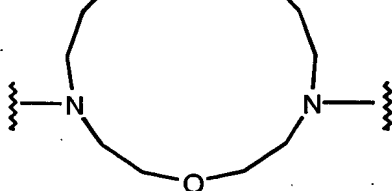
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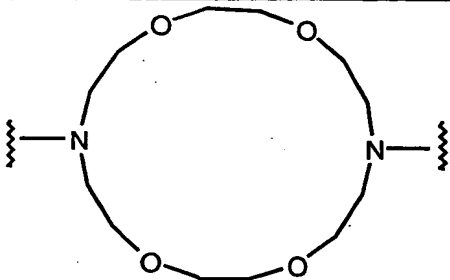
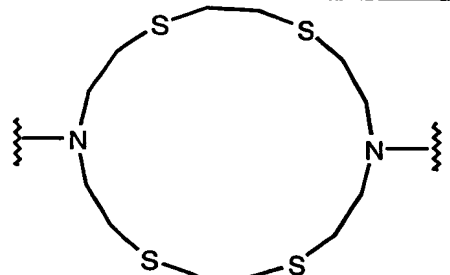
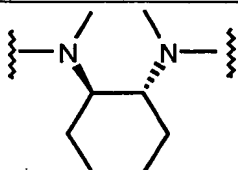
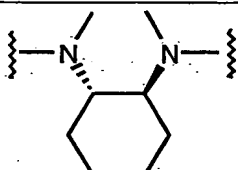
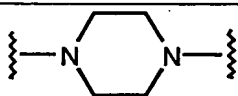
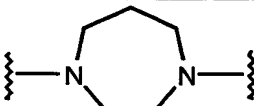
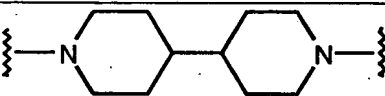
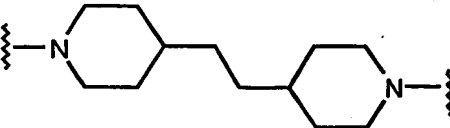
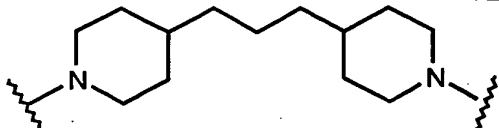
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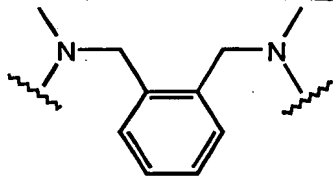
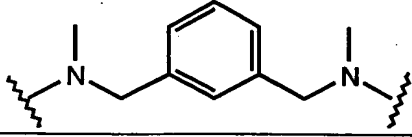
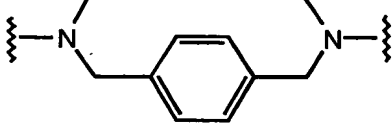
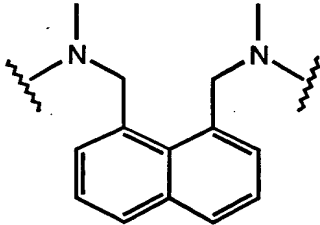
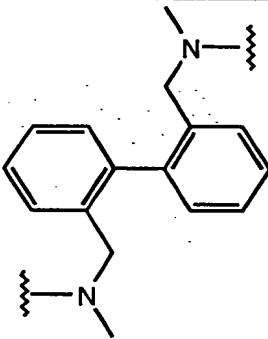
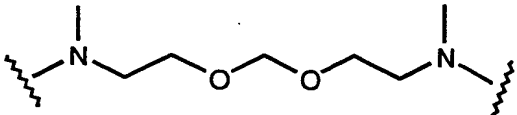
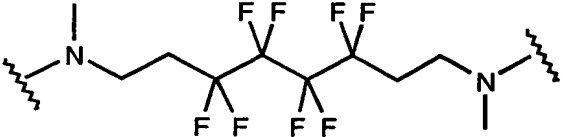
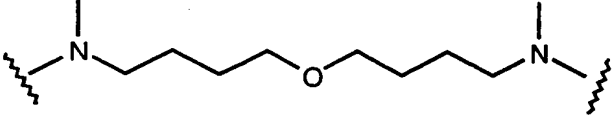
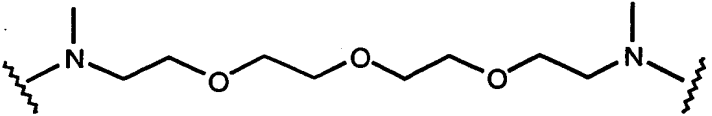
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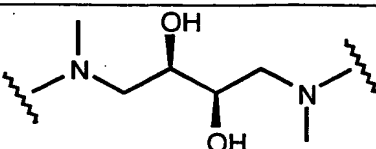
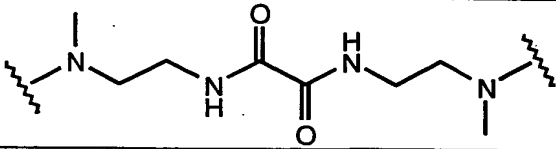
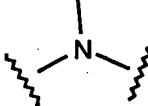
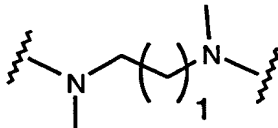
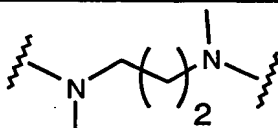
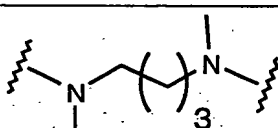
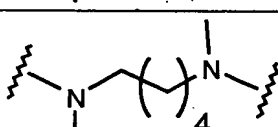
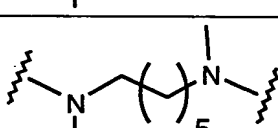
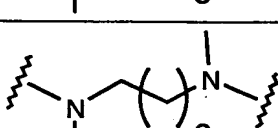
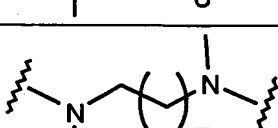
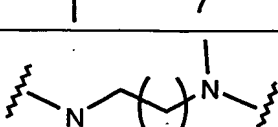
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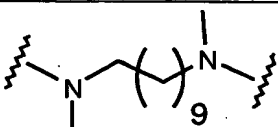
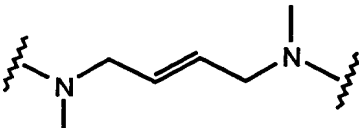

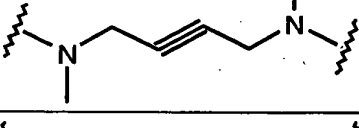
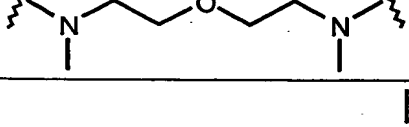
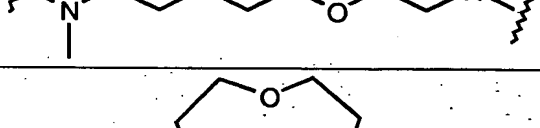
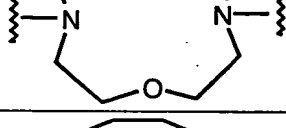
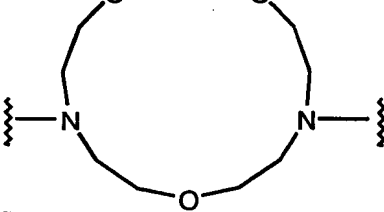
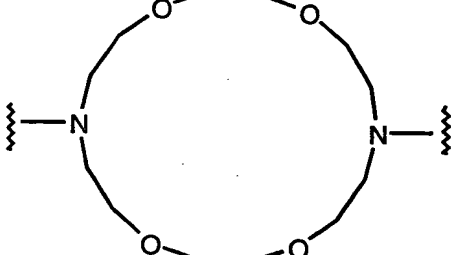
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404	C		H
405	C		H

406	C		H
407	C		H
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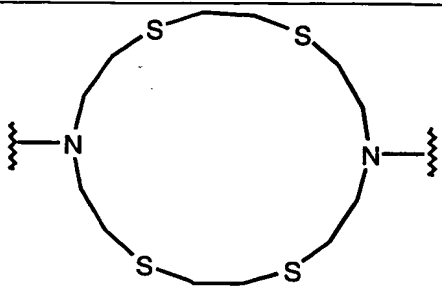
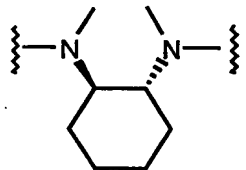
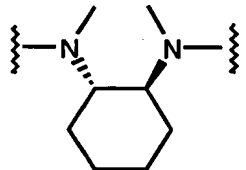
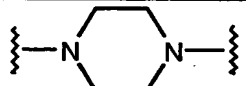
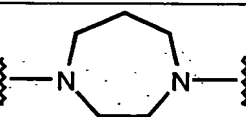
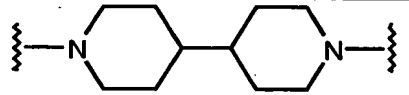
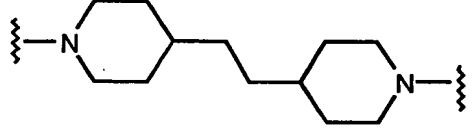
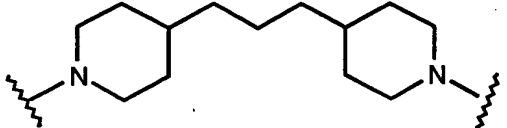
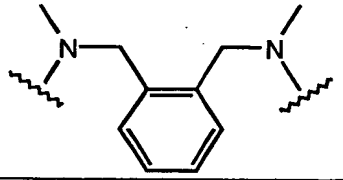
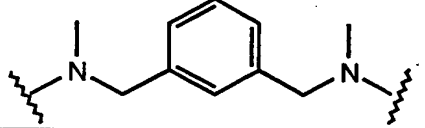
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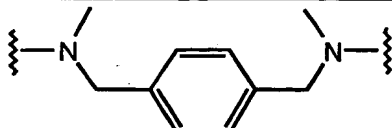
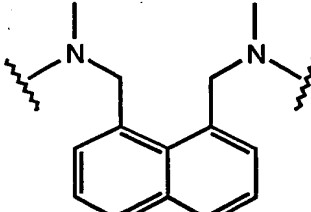
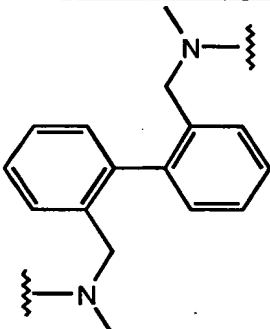
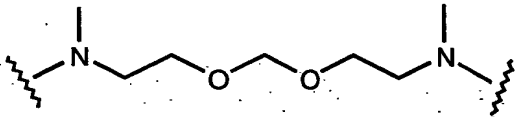
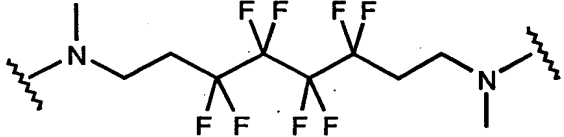
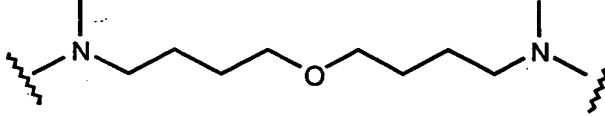
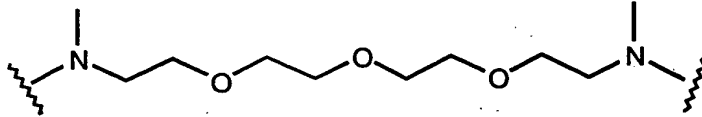
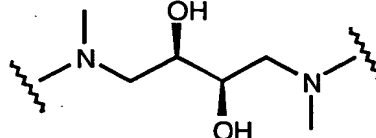
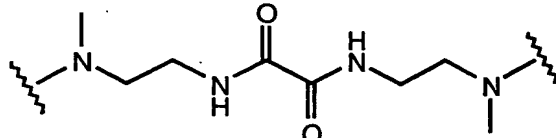
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424	D		H
425	D		H

045454-12099

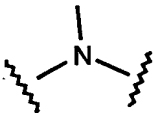
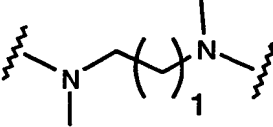
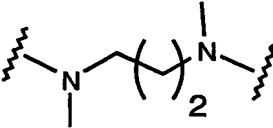
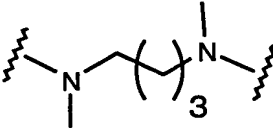
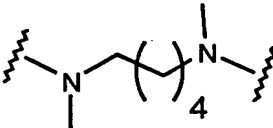
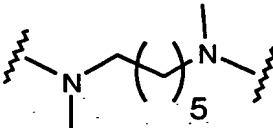
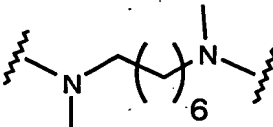
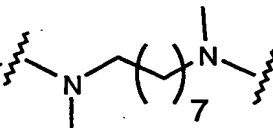
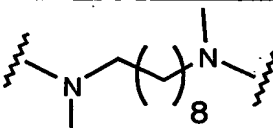
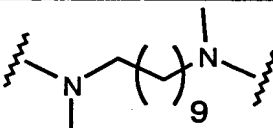
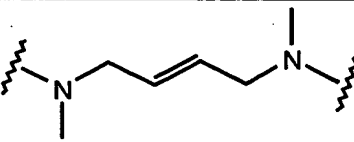
426	D		H
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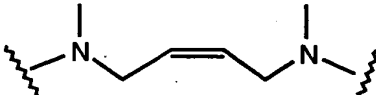
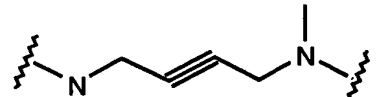
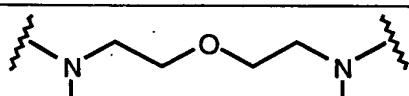
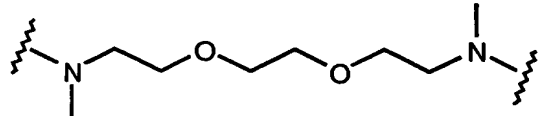
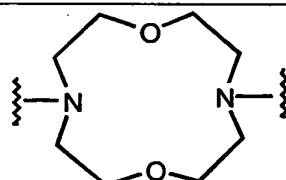
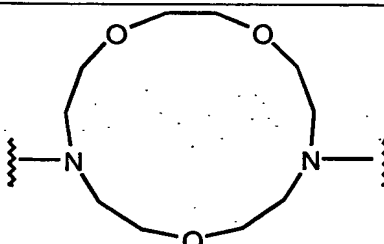
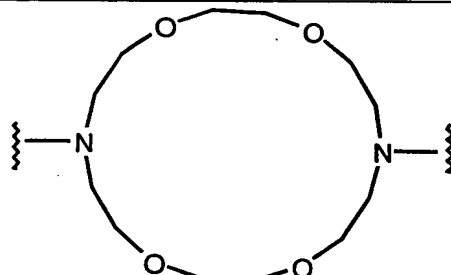
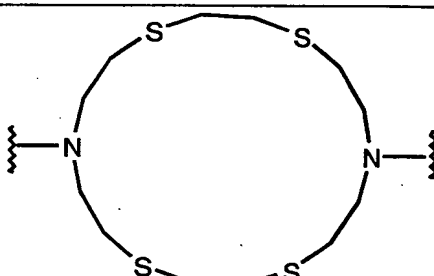
0445649-1009

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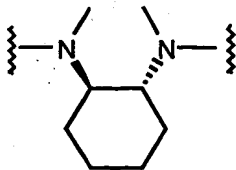
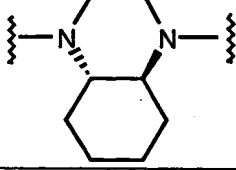
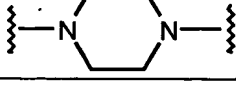

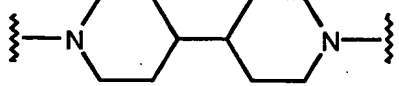


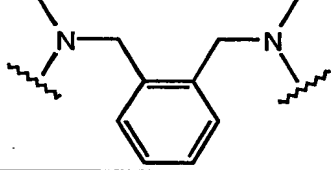
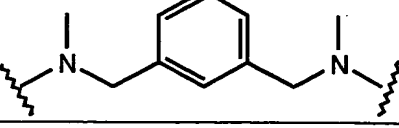
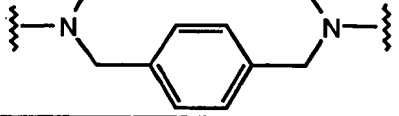
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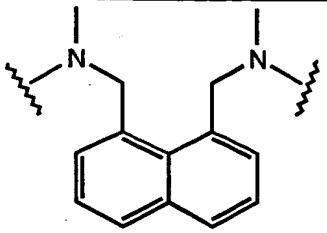
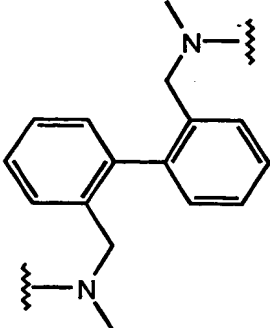
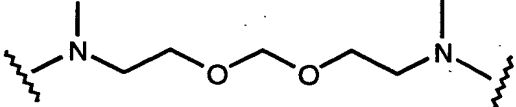
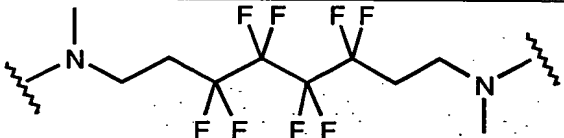
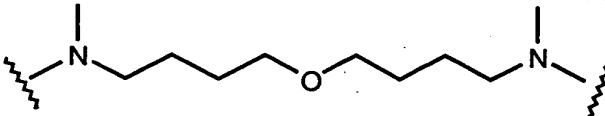
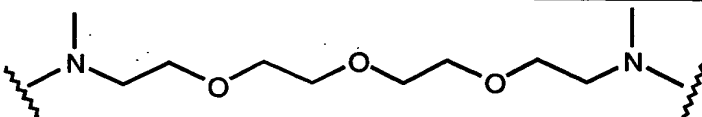
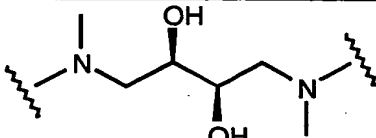
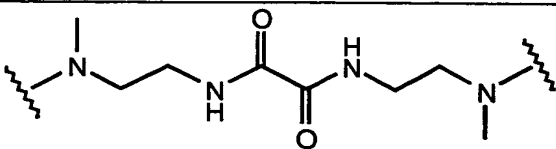
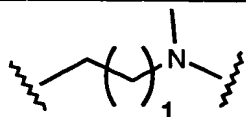
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462	E		H
463	E		H
464	E		H

465	E		H
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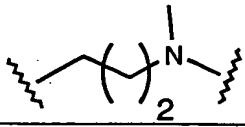
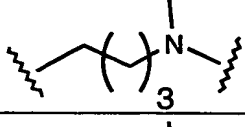
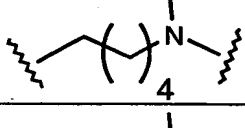
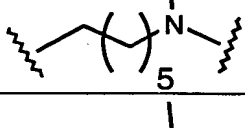
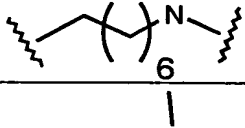
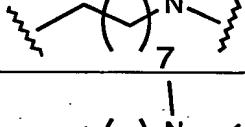
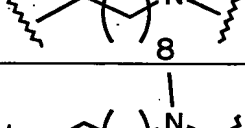
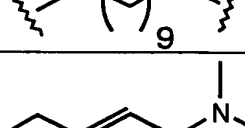
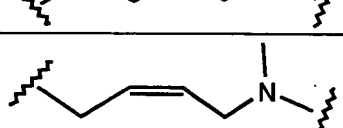
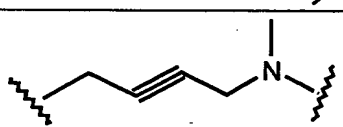
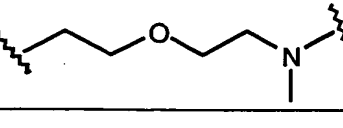
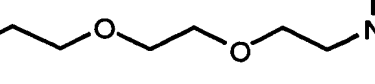

09456429-120899

473	E		H
474	E		H
475	E		H
476	E		H
477	E		H
478	E		H
479	E		H
480	E		H
481	E		H
482	E		H

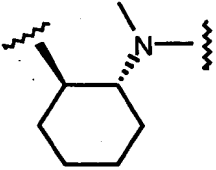
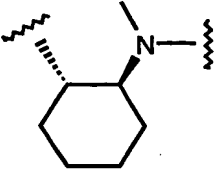
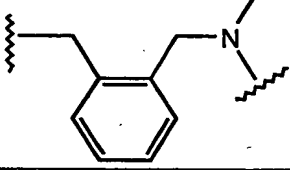
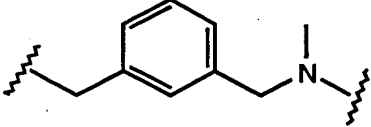
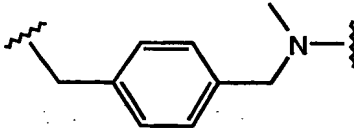
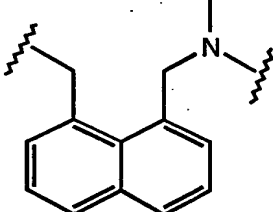
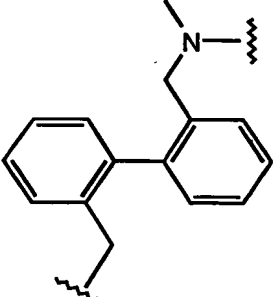
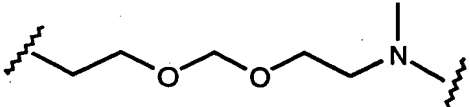
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483	E		H
484	E		H
485	E		H
486	E		H
487	E		H
488	E		H
489	E		H
490	E		H
491	F	None	A
492	F		A

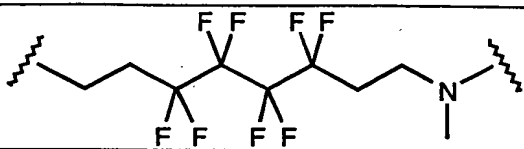
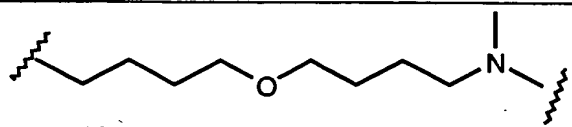
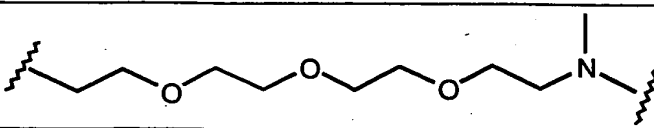
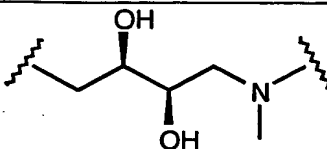
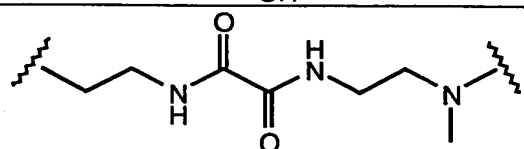
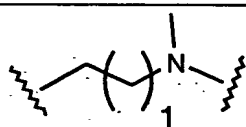
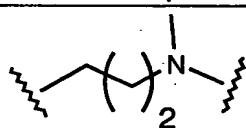
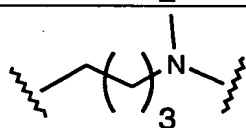
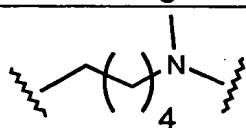
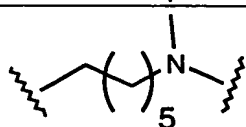
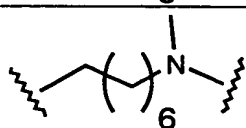
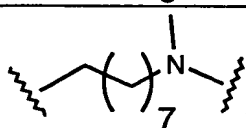
09456429-120899

493	F		A
494	F		A
495	F		A
496	F		A
497	F		A
498	F		A
499	F		A
500	F		A
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502	F		A
503	F		A
504	F		A
505	F		A

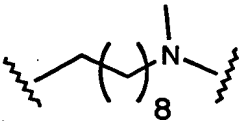

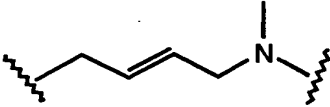
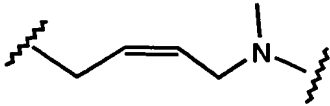
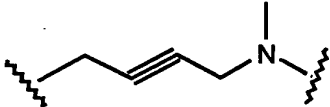
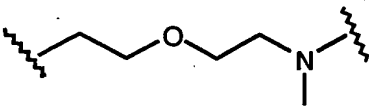
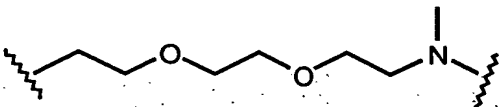
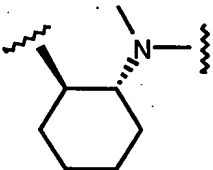
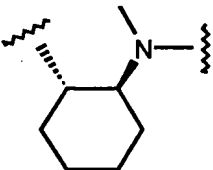
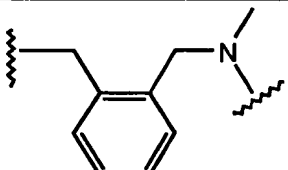
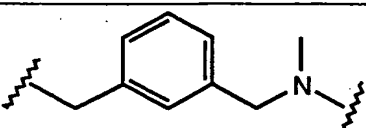
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506	F		A
507	F		A
508	F		A
509	F		A
510	F		A
511	F		A
512	F		A
513	F		A

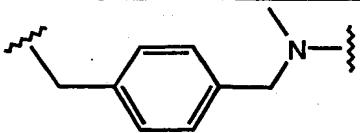
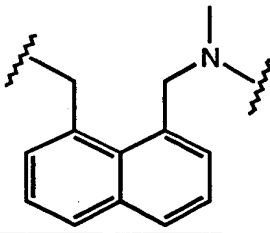
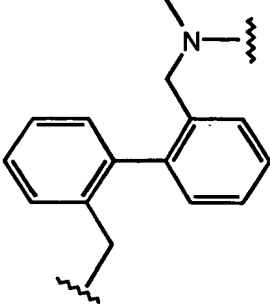
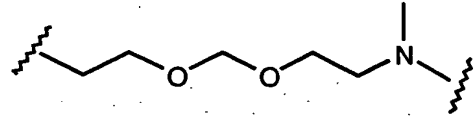
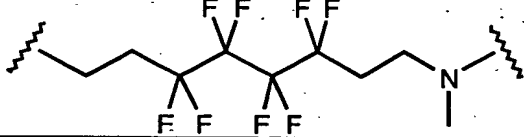
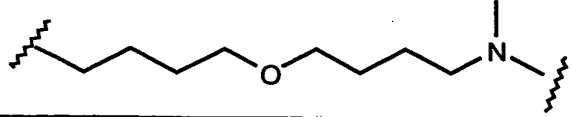
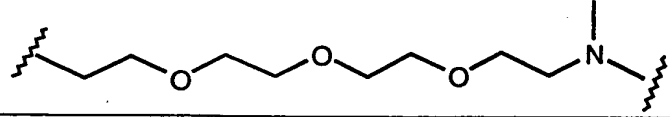
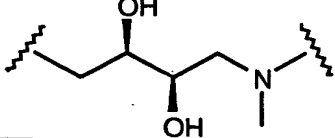
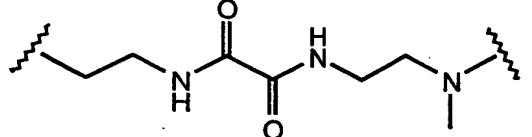
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514	F		A
515	F		A
516	F		A
517	F		A
518	F		A
491	F	None	C
492	F		C
493	F		C
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495	F		C
496	F		C
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498	F		C

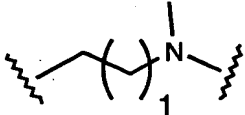
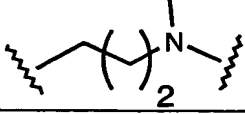
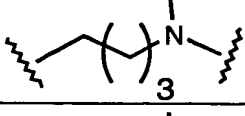
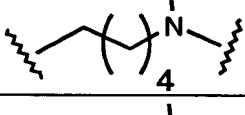
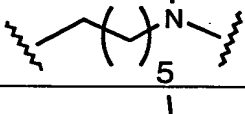
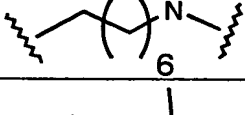
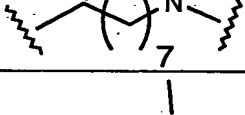
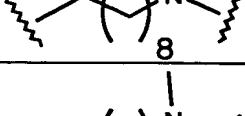
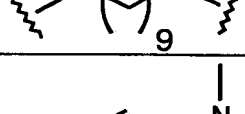

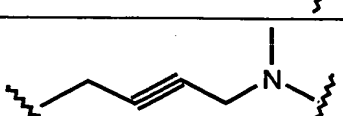
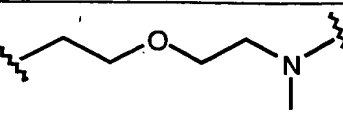

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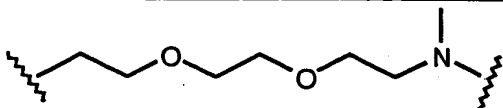
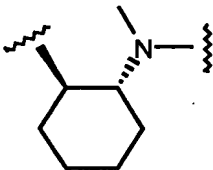
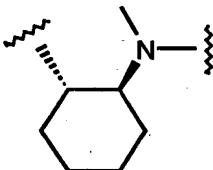
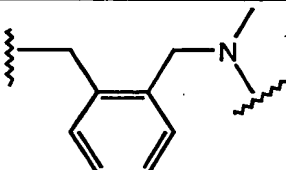
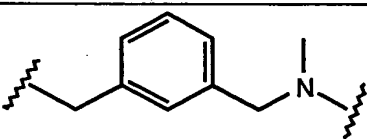
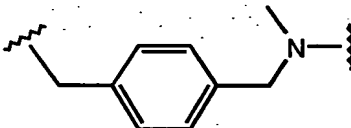
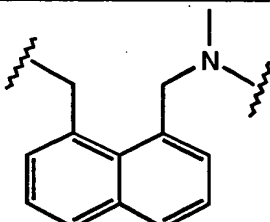
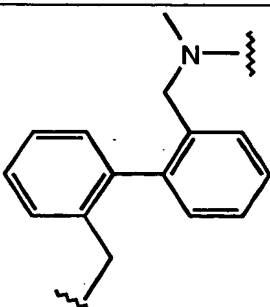
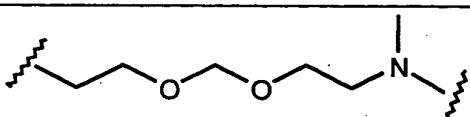
499	F		C
500	F		C
501	F		C
502	F		C
503	F		C
504	F		C
505	F		C
506	F		C
507	F		C
508	F		C
509	F		C

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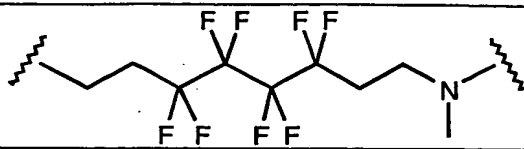
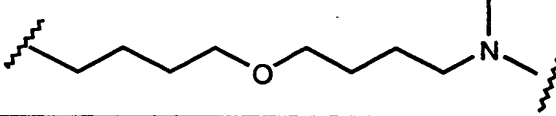
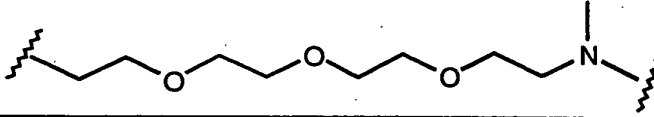
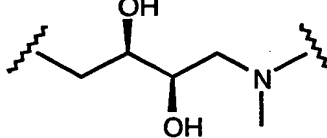
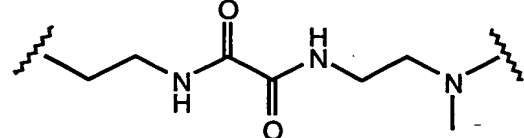
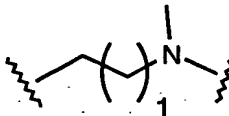
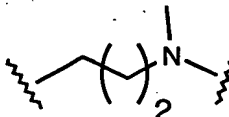
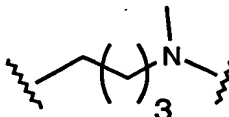
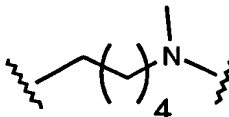
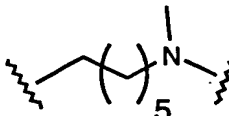
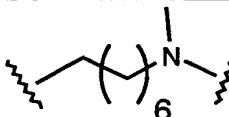
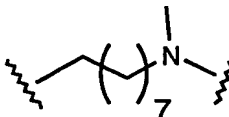
510	F		C
511	F		C
512	F		C
513	F		C
514	F		C
515	F		C
516	F		C
517	F		C
518	F		C
519	F	None	D

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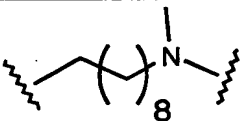
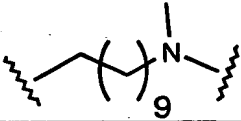
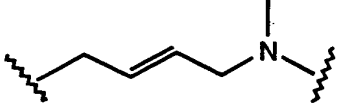
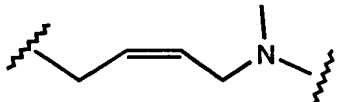
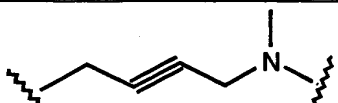
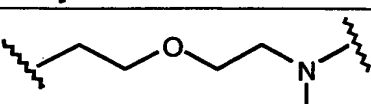
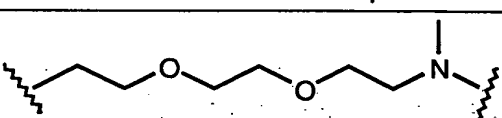
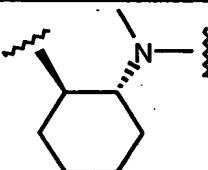
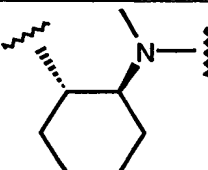
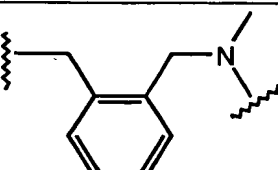
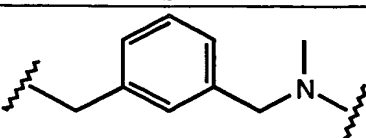
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532	F		D

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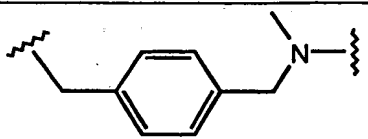
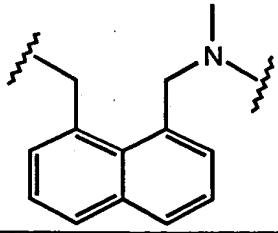
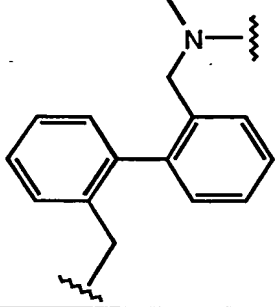
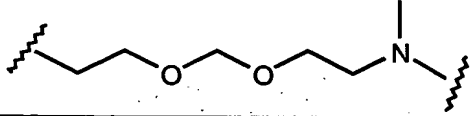
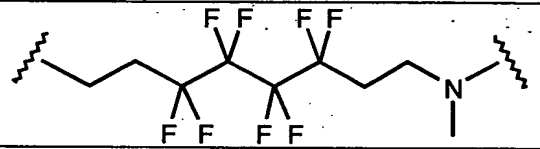
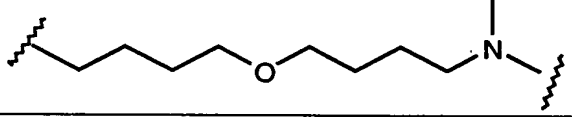
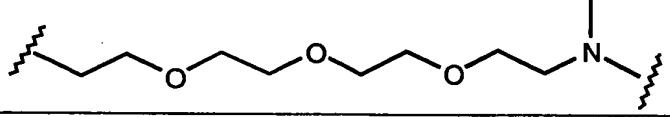
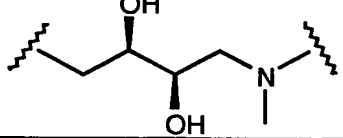
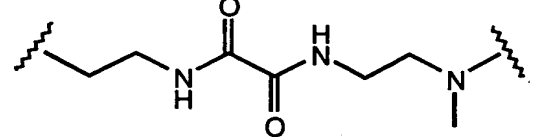
09456429-10899

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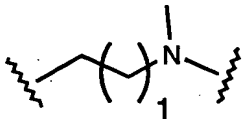
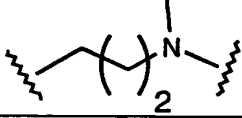
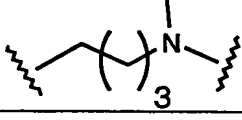
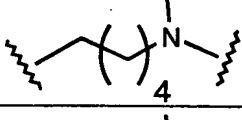
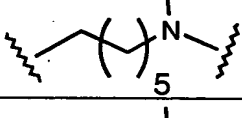
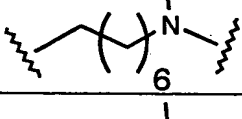
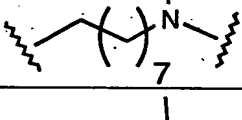
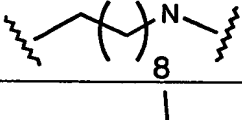
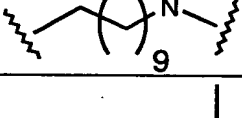
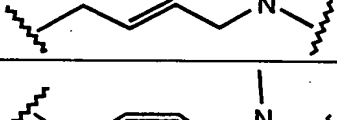
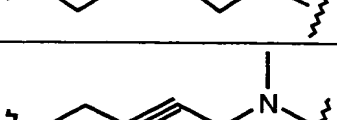
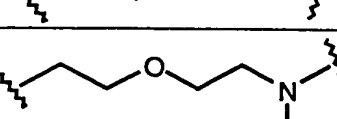
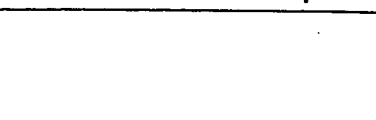
09456429 120899

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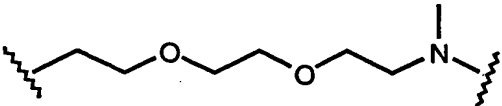
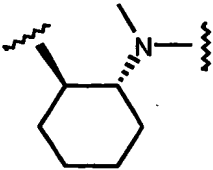
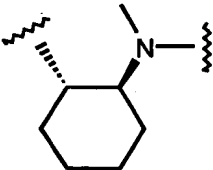
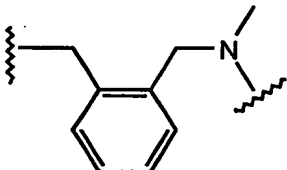
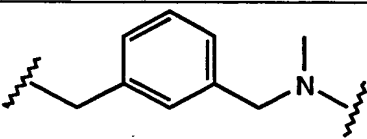
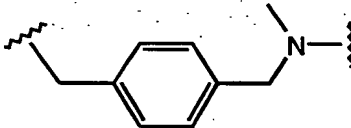
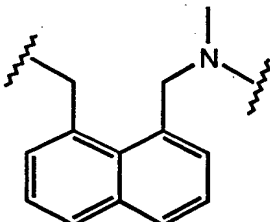
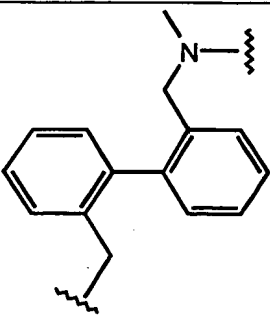
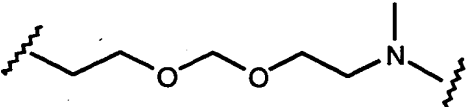
09456429-120899

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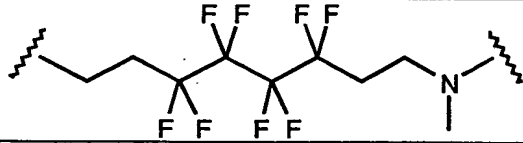
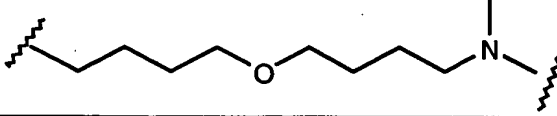
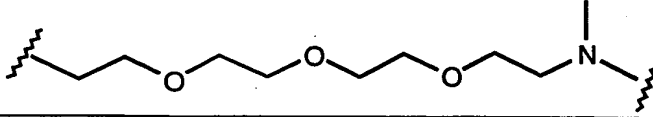
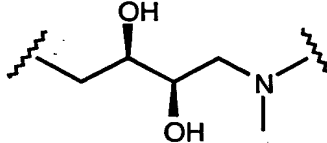
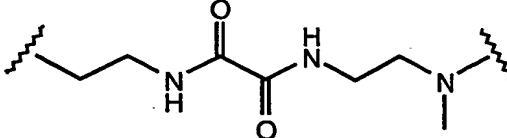
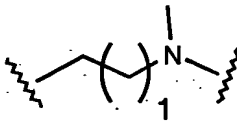
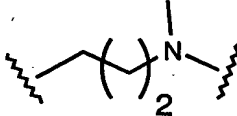
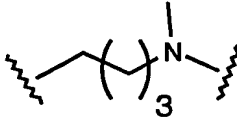
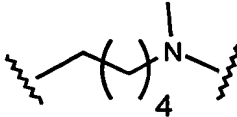
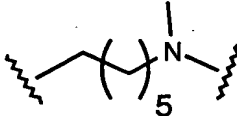
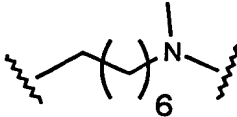
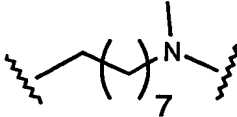
00456439-120899

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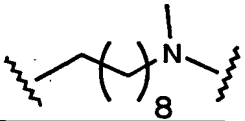
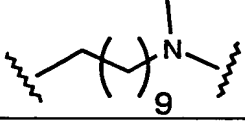
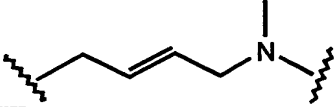
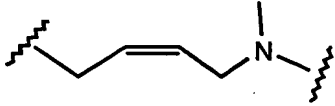
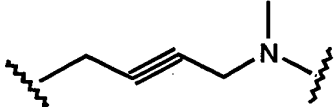
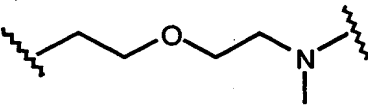
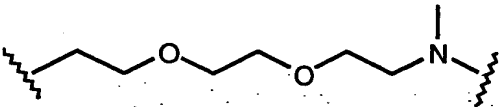
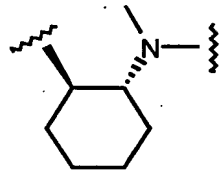
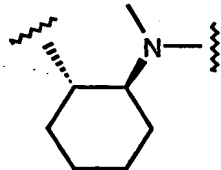
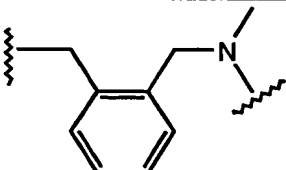
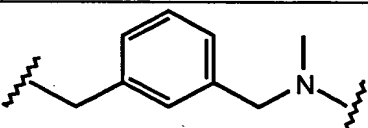
09456429-120899

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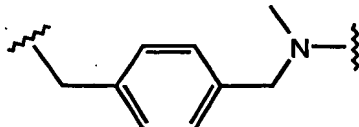
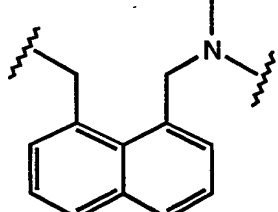
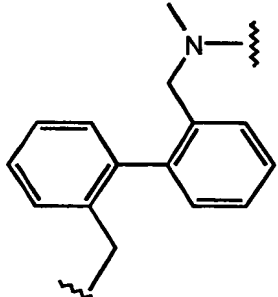
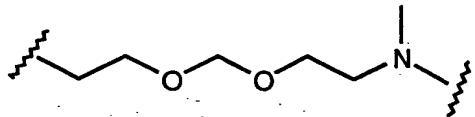
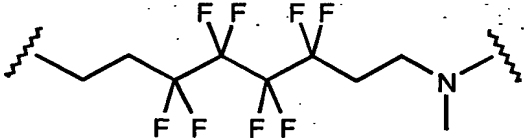
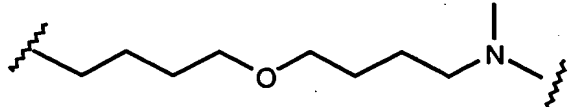
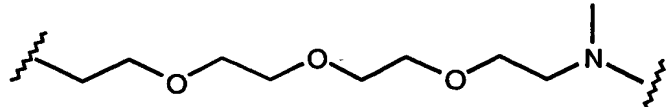
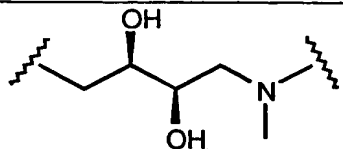
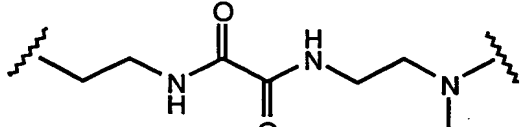
SECRET-62495460

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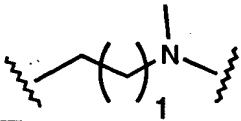
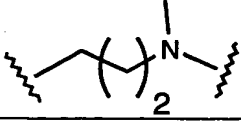
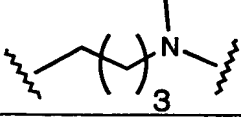
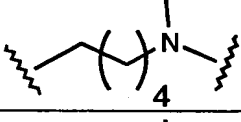
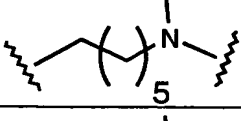
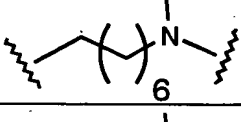
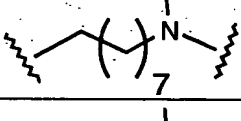
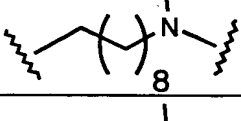
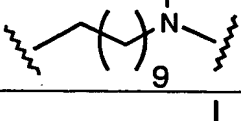
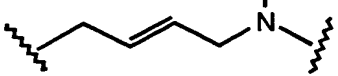
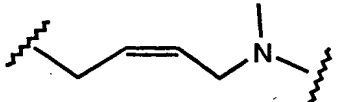
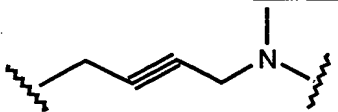
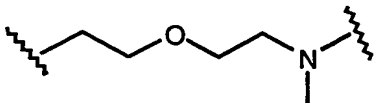
09455429-120899

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620	G		A

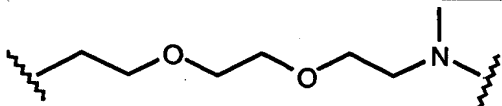
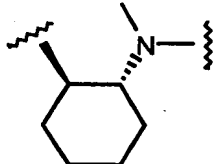
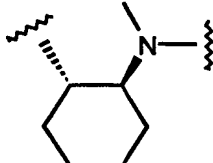
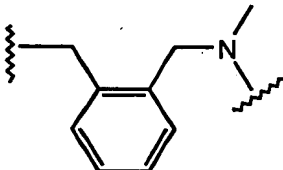
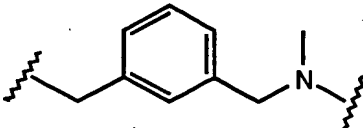
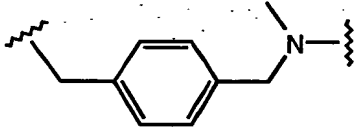
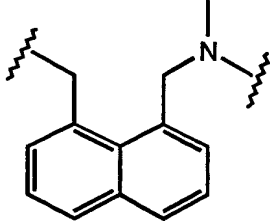
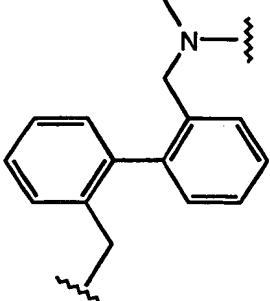
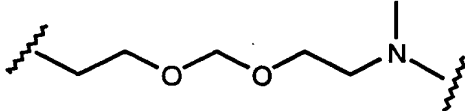
068027-62495460

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628	G		A
629	G		A
630	G	None	C

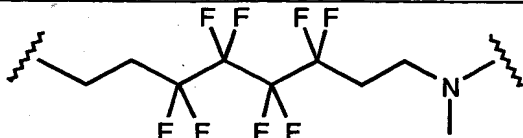
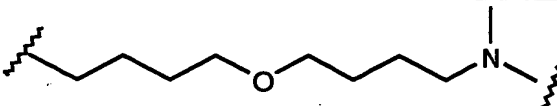
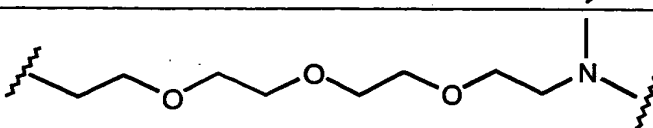
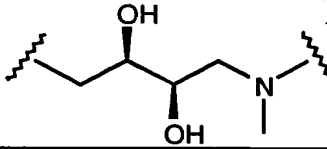
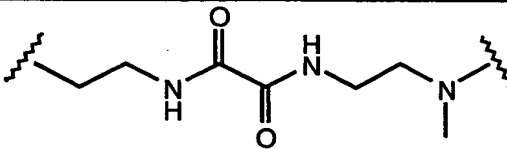
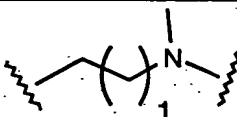
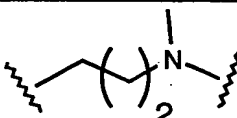
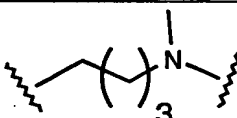
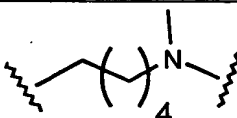
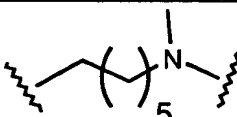
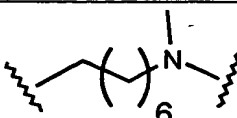
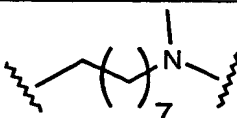
66802T-62495460

631	G		C
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636	G		C
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643	G		C

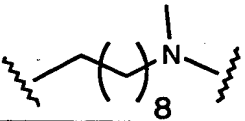
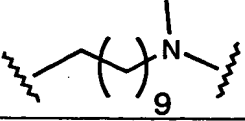
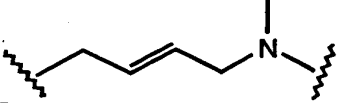
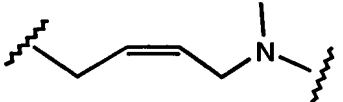
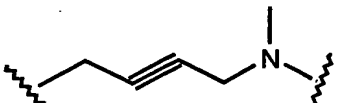
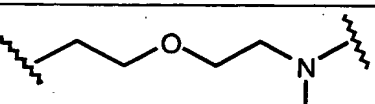
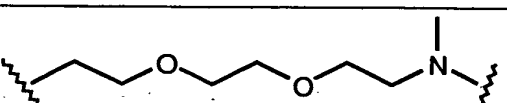
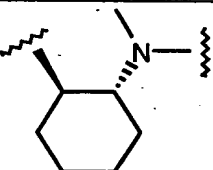
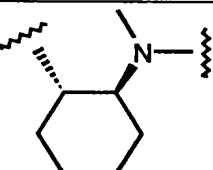
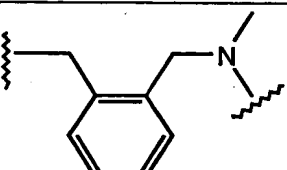
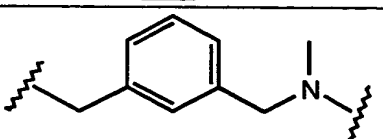
66802T-62495460

644	G		C
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652	G		C

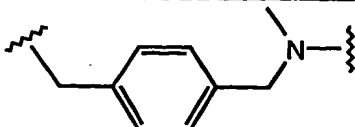
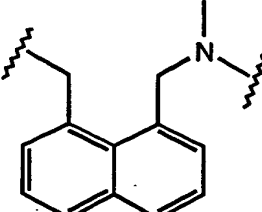
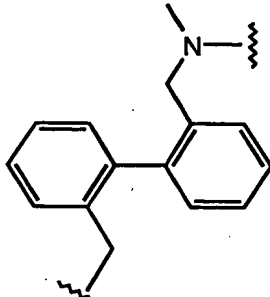
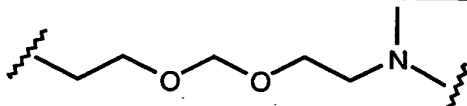
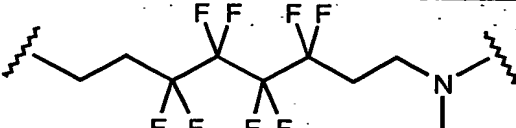
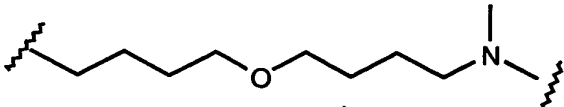
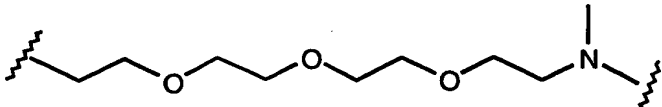
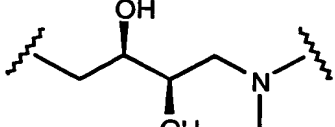
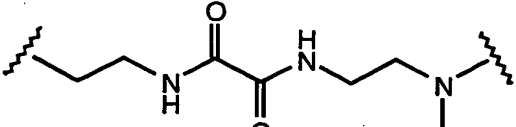
0456429-10899

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665	G		D

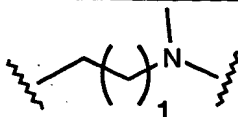
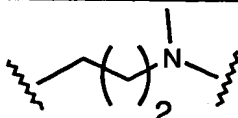
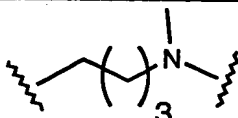
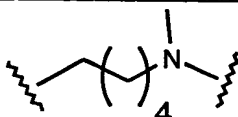
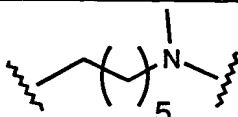
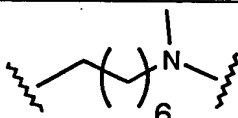
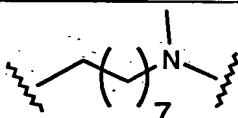
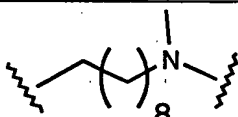
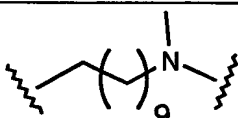
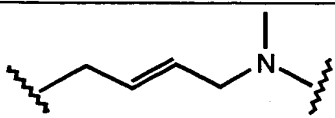
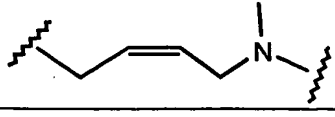
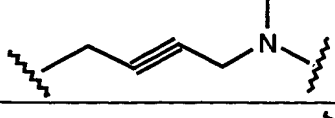
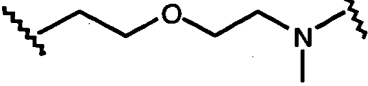
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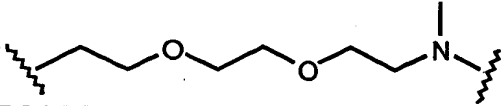
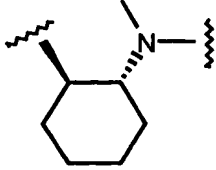
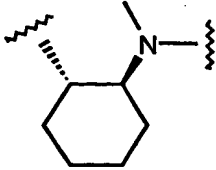
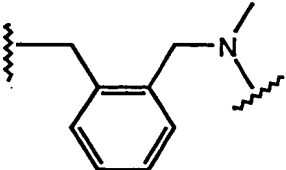
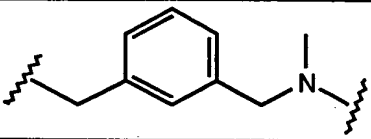
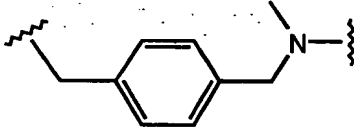
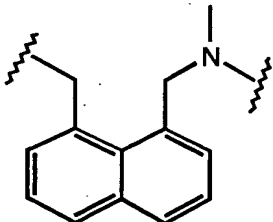
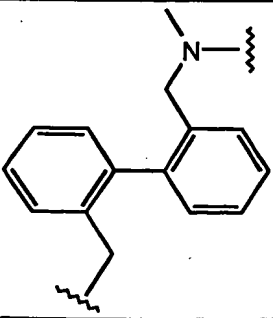
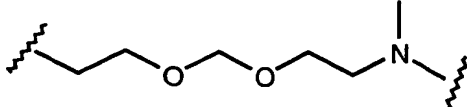
666	G		D
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669	G		D
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00456429-120899

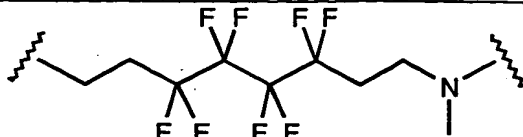
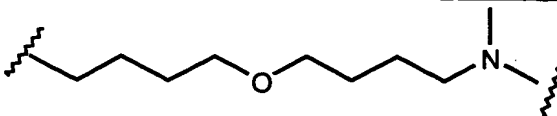
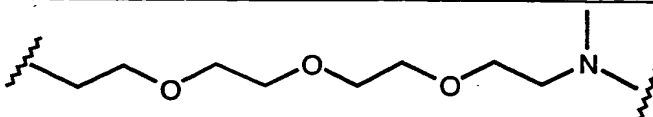
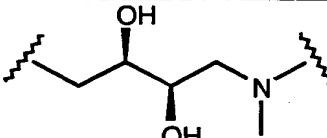
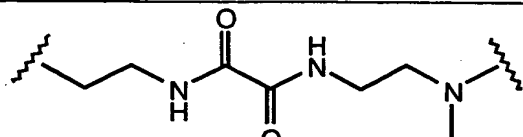
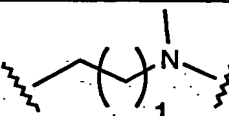
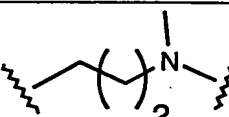
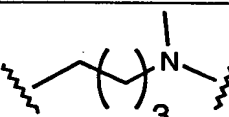
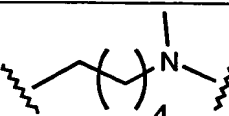
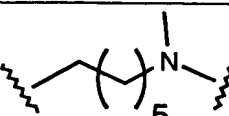
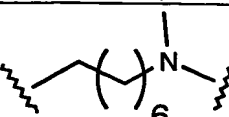
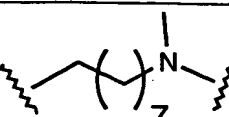
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09456429 120899

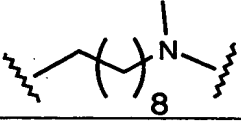
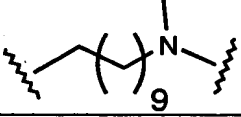
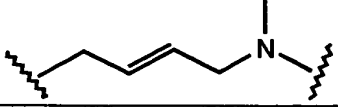
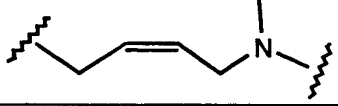
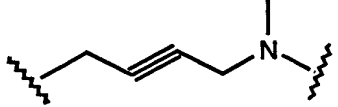
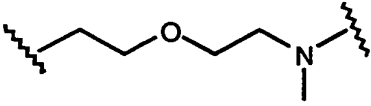
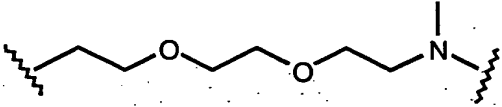
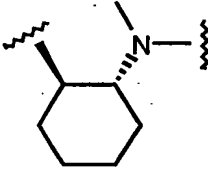
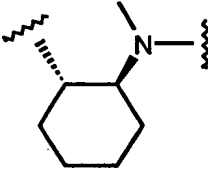
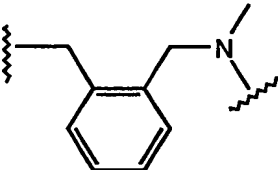
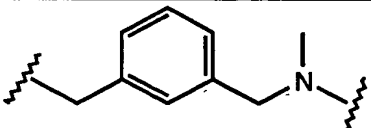
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693	G		E
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695	G		E
696	G		E
697	G		E
698	G		E
699	G		E

700	G		E
701	G		E
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708	G		E

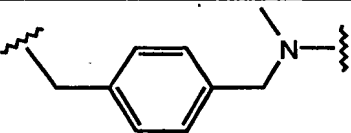
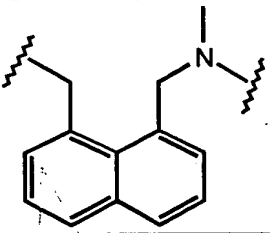
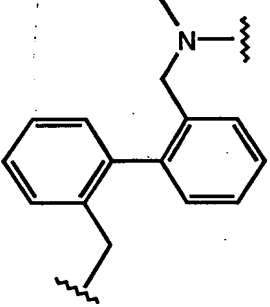
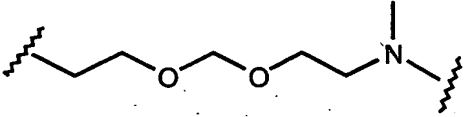
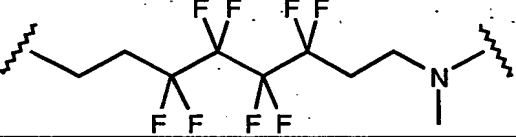
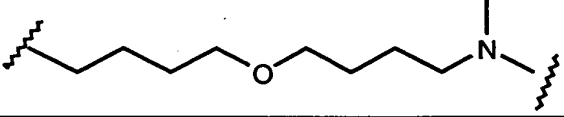
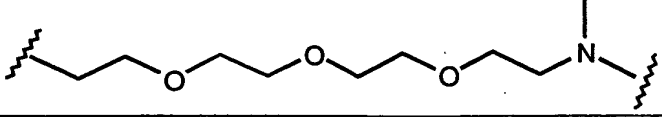
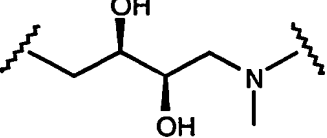
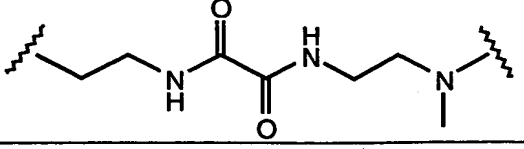
09456429-120899

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715	G		H
716	G		H
717	G		H
718	G		H
719	G		H
720	G		H
721	G		H

09456429-120899

722	G		H
723	G		H
724	G		H
725	G		H
726	G		H
727	G		H
728	G		H
729	G		H
730	G		H
731	G		H
732	G		H

66802T 62495460

733	G		H
734	G		H
735	G		H
736	G		H
737	G		H
738	G		H
739	G		H
740	G		H
741	G		H